## OBJECTIVES OF SCHOOL INTERNSHIP

- Understanding the school environment.
- To develop teaching learning resources.
- Formulation of unit plan , annual plans and test preparation and administration.
- Creating daily lesson plans and execution at different levels.
- To assist in the organisation of teacher-parent meeting.
- To organize curricular and co-curricular activities.
- To organize community service campaign.
- Overview of different school scenarios.
- Class room observation.
- Addressing the school prayer meeting/ Assembly, Annual day, Sports Day.
- Creating a reflective diary.
- To conduct remedial teaching.


## Outcome

Immersion in the School Community: Field experiences go beyond the classroom, immersing B.Ed students in the broader school community. They help in understanding the role of teachers in shaping this community and influencing school culture.

Collaboration with Fellow Teachers and peers : Collaboration is a key aspect of effective teaching. Field experiences facilitate interactions with fellow teachers, encouraging teamwork and sharing of best practices.

Reflection and Feedback: Reflection is a crucial part of learning. Field experiences provide a platform for reflection and receiving constructive feedback, aiding professional growth.

Overcoming Challenges in B.Ed. Internships and Field Experiences: While internships and field experiences provide enriching experiences, they are not without challenges. B.Ed. students may find it difficult to adapt to different school cultures, manage classroom dynamics, or feel overwhelmed by the responsibilities.

Strategies for Effective Internship and Field Experiences: Adopting a proactive approach, seeking support from mentors, reflecting on experiences, and staying open to feedback are some strategies that can help B.Ed. students make the most of their internships and field experiences.
B.Ed. internships and field experiences are vital stepping stones in the journey of a teacher. They provide hands-on experiences that shape aspiring teachers, preparing them for the diverse and dynamic world of education. It enriches and contributes to students' overall development. And it also equips the students with recent technological advancements in the field of education.

Remember, theory can guide you, but it's the practical experience that truly equips you to face the real-world challenges of teaching.

# INTERNSHIP 

FILE

# NIRMALA INSTITUTE OF EDUCATION, ALTINHO 

## TEACHER TRAINEE'S NAME <br> Elizabeth Rajan <br> ROLL NO: 35

YEAR: 2020-2021

## INTERNSHIP PERIOD

$04^{\text {th }}$ January 2021 - $24^{\text {th }}$ April 2021

## METHODOLOGY

Mathematics and Science

## SCHOOL

Late Shri Vinayak Gopal Shenvi Vidyalaya


LATE SHRI VINAYAK GOPAL SHENVI VIDYALAYA
RAWANFOND NAVELIM
MARGAO-GOA

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"The roots of all goodness lie in the soil of appreciation for goodness". - Dalai Lama

First and foremost I would like to thank the Principal of Nirmala Institute of Education Dr. Delia Antao for her constant guidance and motivation and for giving me an opportunity to get experience in an actual school environment.
'Gratitude is the fairest blossom which springs from the soil. ' I would like to express my deepest gratitude to my Mentors Mrs. Ximena Fonseca and Mrs. Pratiksha Shirodkar giving me the support, guidance and motivation that was needed during four months of internship period.

My special thanks to the Headmaster Mr. Damodar Sini Kunde and my mentor teacher Mrs. Roshni Prabhudessai of Late Shri Vinayak Gopal Shenvi Vidhyalay, Rawanfond, Navelim, Margao for being so approachable and cooperative. Thank you for rendering all possible help during the internship period. Thank you for giving me the great opportunity to explore myself in a real environment of teaching.

I would like like to express my deep gratitude to the teaching and non- teaching staff of Late Shri Vinayak Gopal Shenvi Vidhyalay, Rawanfond. The staff was helpful, understanding and were always ready to help. Special thanks to the students for being friendly and interactive.

I would also like to thank my family for being understanding, supportive and for motivating me constantly throughout the internship period.

Thank you and God bless you all.

## DIGITAL POSTER

Activity No.: 01
Date: 21-01-2021
Republic Day 2021: Republic Day has been celebrated every year in India on January 26, since 1950 to honour the date on which the Constitution of India came into effect. India will be celebrating its $72^{\text {nd }}$ Republic Day this year.


The above poster was made on the app Canvas. It was send across the $7^{\text {th }}$ std class. The digital poster is on the occasion of Republic Day. it has a meaningful message "Freedom in Mind, Faith in Words, Pride in our Hearts,Memories in our Souls. Let's Salute the Nation on Republic Day.

## DÉCOR-REPUBLIC DAY

Activity No.: 02
Date: 26-01-2021
The backdrop for Republic Day was done on the wall of the school building facing towards the ground. First a blue backdrop was put and three colored dupattas that is saffron (indicating the strength and courage of the country), white (indicates peace) and green (shows the fertility, growth and auspiciousness of the land) was used to represent the Indian flag and I had made the Ashoka Chakra using navy blue and white chart paper. On the backdrop 72th India's Republic Day was written. On the grill dupattas were tired up and one side of the stage had saffron color dupattas as backdrop which was behind the guest.



CUTOUTS FOR THE BACKDROP


BACKGROUND NEAR TO THE BACKDROP
(WHERE GUESTS
WERE SITTED)

## SCIENCE OUIZ

Activity No.: 03
Date: 06-02-2021

The quiz was on the science chapters which I had taught them. At the end of every chapter, a link used to be send to them. Students use to participate in the quiz as online quiz was a new concept for them. This quiz was made on Quizizz.com, below given is the links to the quiz.

## https://quizizz.com/join/quiz/5ff59804bd3004001bafed6f/start?studentShare=true (Science quiz)



Screenshot from the quiz
SCIENCE

## ONLINE QUIZ

## Activity No.: 04

Date: 18-02-2021
The quiz was about different facial expressions. So, a picture of a facial expression was shown and it had four options with it. The students had to option of the correct option, that is a picture of a happy face was shown then the students had to choose from the options and mark happy as the correct answer. This quiz was made on Quizizz.com, below given is the link to the quiz.

## https://quizizz.com/join/quiz/602ce3f2915725001b572e5e/start?studentShare=true



Screenshot from the quiz. An angry facial expression was shown, students had to choose the option as Angry

## CHART- BULLETIN BOARD

Activity No.: 05
Date: 20-02-2021


PREPARATION OF THE CHART


CHART DISPLAYED ON THE BULLETIN BOARD

A general poster was put up on the bulletin board. The poster shows an open book from where many butterflies are flying out. It represents books are for everyone and you will fly out a colourful success. A book means knowledge, imagination, truth, beauty, escape, and love. A quote is written on the top of the poster "A book is a dream that you hold in your hand" - Neil Gaiman.

## MATHS QUIZ

Activity No.: 06
Date: 20-02-2021
The quiz was on the maths chapters which I had taught them. At the end of every chapter, a link used to be send to them. Students use to participate in the quiz as online quiz was a new concept for them. This quiz was made on Quizizz.com, below given is the links to the quiz.

## https://quizizz.com/join/quiz/6024d13e3ce4e0001b87b3d4/start?studentShare=true (Maths quiz)



Screenshot from the quiz
MATHS

## PLANT A SAPLING

## Activity No.: 07

Date: 24-02-2021
First and foremost, I had to take permission from the Headmaster and my mentor teacher in order to plant a sapling. They were very kind enough to grant me permission. They were happy with this initiative that the college has told us to do. I had to ask my mother which plant should I grow at school as in front of the school there wasn't direct sunlight. So, she gave me a Alpinia purpurata, red ginger, also called ostrich plume and pink cone ginger, are native Malaysian plants with showy flowers on long brightly coloured red bracts. They look like the bloom, but the true flower is the small white flower on top.

A day prior that is on $23{ }^{\text {rd }}$ February, I had digged the hole in order to plant the sapling. The next day, I added compost to the hole and then planted the sapling and watered it. The Headmaster and my mentor teacher were there to witness the same. Every day when I come to school, I make it a point to greet my plant and it brings a smile to my face.



PLANTED THE SAPLING AT SCHOOL
AMONG WITH HEADMATER AND MENTOR TEACHER


WATERED THE SAPLING
AMONG WITH HEADMATER AND MENTOR TEACHER

## SCIENCE DAY POSTER

Activity No.: 08
Date: 15-03-2021
National Science Day is celebrate d every year on $28^{\text {th }}$ of February to commemorate the discovery of the 'Raman Effect'. On this day, Physicist CV Raman announced the discovery of the 'Raman Effect' for which he was awarded the Nobel Prize in 1930. On the occasion of Science Day, a poster was made.


The poster has the title as National Science Day. the poster describes when from a test tube to a breaker chemicals are fixed, it explored into various science concepts such as beaker, test tube, TV, computer, magnet, telescope, etc.

On the left hand side, a picture of Sir C.V. Raman is displayed and on the right hand side it has a quote "The Science of Today Is The Technology of Tomorrow."


A picture taken near the bulletin board along with the Headmaster Mr. Damodar Sini Kunde and my mentor teacher Mrs. Roshni Prabhudessai and senior teacher Sandhya.

## LIGHT TRAVELS IN A STRAIGHT LINE

Activity No.: 09
Class: $7^{\text {th }} \mathrm{B}$
Date: 05-03-2021
Materials Required: CD, clips, candle, matchbox, thread, tape.
Procedure: The activity was conducted and a video was made and sent across class $7^{\text {th }} \mathrm{B}$ students. Required three CD and 6 clips , made three CD holders. Placed a thread on the table in a straight line so that all three CD holders are placed in a straight line. Secured the thread with tape. Then place a candle at the end of one thread (make sure the height of the candle should be same the CD holes). Then placed the three CD holders in such a way that when you observe through holes you can see the candle flame. When you burn the candle and try to observe from the holes of the CD holders you will be able to see the flame. The moment you change the placement of any one CD holder (either left of right) you will no longer able to see the candle flame. This activity proves that light travels in a straight line.


## CONGRUENCE IN REAL LIFE

Activity No.: 10
Objectives: The pupil will. . .

1) Revise the concept of congruence
2) Relate congruence in real life

## Materials Required: Laptop, Videos

Procedure: The students were shown figures of two triangles and asked if these two figures having the same shape and the same size and they exactly overlap each other, what are such figures called and the students were asked what could they conclude about their areas, students asked both the questions. Then each student cited examples of congruence in real life. Then the teacher trainee showed them two short videos on congruence in real life.

## ASSEMBLY REPORT

$26^{\text {th }}$ January 2021

## Republic Day Assembly

Freedom in Mind, Faith in Words, Pride in our Heart, Memories in our Souls, Let's Salute the Nation on the $72^{\text {nd }}$ anniversary of the Republic Day, 2021. A special assembly on the occasion of the $72^{\text {nd }}$ Republic Day was presented by the students. The patriotic fervour warmed up the cold winter morning as the teachers and students of class $10^{\text {th }}$ enthusiastically gathered to celebrate the occasion.

The assembly began at 9 am on the school ground. The flag hosting was done by the guest. Headmaster Mr. Damodar Sini Kunde, his address expressed pride on being an Indian and introduced the guests Notary and Advocate Sir Prashant Rajadhyax and Advocate Ma’am Janki Rajadhyax. A group of 5 students had sang the patriotic song : Aao Banaye Milkar Apna Pyara Hindustaan. The guest spoke about 'Uniform Civil Code'. Goa is the only state with Uniform Civil Code. It was an interactive session. Teachers had asked various questions regarding the Uniform Civil Code. After the main talk by the guests, a token of appreciation (a pot of plant each) was given to them. Finally, the sport sir gave the vote of thanks. At the end snacks were distributed to the guests, teachers, non- teaching staffs and students.



Patriotic Singing


Talk by the guest

## BULLETIN BOARD

On $26^{\text {th }}$ January 2021, Republic Day was held in Late Shri Vinayak Gopal Shenvi Vidhyalay. I had been given the responsibility of preparing a 'Republic Day Board' as a bulletin board for the program.

The layout and elements of the bulletin board were decided during the school hours and showed a rough outline of the bulletin board to the mentor teacher. The preparation for the elements to be put on the bulletin board was done a week before and a day prior that is on Monday the chart was put up on the bulletin board.

On Republic Day the guest was Notary and Advocate Sir Prashant Rajadhyax and Advocate Ma'am Janki Rajadhyax. Along with the Headmaster Mr. Damodar Sini Kunde and my mentor teacher Mrs. Roshni Prabhudessai and other few staffs were present. A rib was tied and the guest Notary and Advocate Sir Prashant Rajadhyax had cut the rib and inaugurated the bulletin board.



## मुरूस्यार 99 मेंबुवारी २०२9

## समान नागरी कायदा हे गोव्याच्या जनतेसाठी वरदान : राजाध्यक्ष

प्रतिलिएी
हnोt
सीज्ञात बंसलात उसरेस्सा समान
नागीी कायहा हा गोषेकरासाकी
बरेदान वृलेता आहे या
कामयामष्ये सियोनऐ, तैहान मुलाना
पूर्जिते संरमण देग्यात इहते आहै
सोग्ड रेतीने बरशी करण्याधा हैक
पहस्णटान्तरर कुटबाता जर्पा काटा
उस्तियनान पोटरी दिशण्याषी सरलुद
आह कुर्वाने दतक घेतसेल्यम
नुजाला मिबरतेचा योग्य काटा आयि
आहल वीजिध्या माल्रमतेधा मुलगा-
मुरीज्ता समान छादा मित्टण्यकी
तारंटु आहे ऊरी माशिती अं
या नात्वामे दिली
रावनफोड ऐेबील स्व. विनासक
गोपिए शोचकी हायस्कृलमज् हा
सर्यक्रम आत्योडित करण्यात
आता होता यदेकी अंद्ध जानकी
राझास्यन सुस्सस्यास्क दाभोदर कुरुद
उपसिद्य हति कुंदे योंी प्रज्यसताक
देनाधी म्शिती पुरेकिशी पाहुख्याध्या


रावणफोह : भित्तीफ्टकाचे अनावरण करताना अंड, प्रश्ञांत राजाप्यक्ज, अैंड. जानकी ताज्यक मुख्याय्यापक दामोदर कुते द ज़्तर मान्यवर.

इस्ते धजारोहग झाले मुजानी देशभक्तीपर गीत सादर केले. याल दिवर्ती स्कूलदी भागी रिधार्थिनी एलिझादेश राजन हिने प्रजाखताक दिमाख्या निमिणाने तथार केतेस्या भितीपन्वकणे अनानसण पाहुण्यांख्या हस्ते करण्यात आले.

सुद्रे आणि रोशानी प्रभुदेसाई बानी स्वागत केले फरतिमा केख अणि खोतली देसाई यन्गी पाहुप्योनी सेढवस्तु प्रदान केख्या.

सूत्रसचतन अजली यानी केले आभार गीतमी देसाई यांनी मानले:

## TARUN BHARAT

$11^{\text {TH }}$ FEBRUARY 2021

# Late Shri Vinayak Gopal Shenvi Vidyalaya, Rawanfond, Navelim 

III Formative Examination 2021
Std: VII
Sub: Mathematics
Marks: 20
Q.1.A) Select and write the most appropriate alternative from those provided below each statement.

1. Which of the following pairs of terms is a pair of like terms?
(a) $x, 10 x$
(b) $y,-x y$
(c) $z^{2}, z$
(d) $z^{2}, 8$
2. Which of the following term is trinomial?
(a) $-a+8$
(b) $z^{2}-8$
(c) $a^{2}$
(d) $x y+4 x+8$
3. What is the area of a circle if its radius is 7 mm ? ( Take $\pi=\frac{22}{7}$ )
(a) $152 \mathrm{~mm}^{2}$
(b) $153 \mathrm{~mm}^{2}$
(c) $154 \mathrm{~mm}^{2}$
(d) $155 \mathrm{~mm}^{2}$
4. What is the area of a rectangular piece of a land whose length is 350 cm and breadth 200 cm ?
(a) $65,000 \mathrm{~m}^{2}$
(b) $70,000 \mathrm{~m}^{2}$
(c) $75,000 \mathrm{~m}^{2}$
(d) $80,000 \mathrm{~m}^{2}$
B) Find the missing values:

| Sr. No. | Base | Height | Area of Triangle |
| :---: | :---: | :---: | :---: |
| a) | 18 cm | 12 cm | - |
| b) | 60 cm | - | $420 \mathrm{~cm}^{2}$ |

## C) Attempt the following:

1) Identify terms which contain $y^{2}$ and write the coefficient of $y^{2}$ :
$15 x y^{2}-19+3 x y+4 x-y^{2}$
2) Identify monomials and binomials in the following:
$3 a^{2}, \mathrm{pq}+4 \mathrm{yz}, \mathrm{pqrs},-d^{3}-2 \mathrm{se}$
P.T.O

## Q.2.A) Attempt the following:

1) Write the expression for the following statement:

One-third of the difference of $x$ and $y$
2) If $c=3$, find the value of $10-4 c$
B) Subtract: $-p^{2}+5 p q$ from $4 p^{2}-3 p q+11$
C) A wire is in the shape of a rectangle. Its length is 44 cm and breadth is 20 cm . If the same wire is rebent in the shape of a square, what will be the measure of each side. Also find which shape encloses more area?
Q.3.A) Simplify the expression and find the value if $x$ is equal to 2

$$
x+7+4(x-5)
$$

B) A gardenerwants to fence a circular garden of diameter 28 m . Find the length of the rope he needs to purchase, if he makes 2 rounds of fence. Also find the costs of the rope, if it cost Rs. 5 per meter. ( Take $\pi=\frac{22}{7}$ )
C) $P Q R S$ is a parallelogram (see the given figure). $Q M$ is the height from $Q$ to $S R$ and $Q N$ is the height $Q$ to $P S$. If $S R=12 \mathrm{~cm}$ and $Q M=7.6 \mathrm{~cm}$. Find:
(a) The area of the parallelogram PQRS
(b) $Q N$, if $P S=8 \mathrm{~cm}$


## ANSWER KEY

Q.1.A)

1. a)
2. d)
3. c)
4. b)
B) a) $108 \mathrm{~cm}^{2}$
b) 14 cm
C) 1) Terms contain $y^{2}: \quad 15 x y^{2},-y^{2}$

Coefficient of $\mathrm{y}^{2}$ : $15 \mathrm{x},-1$

1) Monomials: $3 a^{2}$, pqrs

Binomials: $\mathrm{pq}+4 \mathrm{yz},-d^{3}-2 \mathrm{se}$

## Q.2.A)

1) $\frac{1(x-y)}{3}$
2) $10-4 \mathrm{c}$

If $p=3$
$10-4(3)$
$=10-12$
$=-2$
B) When term have the same algebraic factors, they are like terms.

Then, we have to subtract the like terms
$-p^{2}+5 \mathrm{pq}$ from $4 p^{2}-3 \mathrm{pq}+11$
$=4 \mathrm{p}^{2}-3 \mathrm{pq}+11-\left(-\mathrm{p}^{2}+5 \mathrm{pq}\right)$
$=4 \mathrm{p}^{2}-3 \mathrm{pq}+11+\mathrm{p}^{2}-5 \mathrm{pq}$
$=4 p^{2}+p^{2}-3 p q-5 p q+11$
$=5 \mathrm{p}^{2}-8 \mathrm{pq}+11$
C) Perimeter of rectangle $=$ Perimeter of square
$2($ Length + Breadth $)=4 x$ Side
$2(44+20)=4 x$ Side
$2(64)=4 x$ Side
Side $=\frac{128}{4}$
$=32 \mathrm{~cm}$

Area of rectangle $=44 \times 20=880 \mathrm{~cm}^{2}$
Area of square $=$ side $\times$ side $=32 \times 32=1024 \mathrm{~cm}^{2}$
Therefore, the square-shaped wire encloses more area.
Q.3.A)
$x+7+4(x-5)$
$=x+7+4 x-20$
$=5 \mathrm{x}-13$
When $\mathrm{x}=2$
5(2) - 13
$=-3$
B) $d=28 \mathrm{~m}$
$\mathrm{r}=28 / 2 \mathrm{~m}$

Circumference $=2 \pi r=2 \times \frac{22}{7} \times \frac{28}{2}=88 \mathrm{~m}$

Length of rope required for fencing $=2 \times 88 \mathrm{~m}=176 \mathrm{~m}$

Cost of 1 m rope $=$ Rs. 5

Cost of 176 m rope $=5 \times 176=$ Rs. 880
C) a) Area of parallelogram $=$ Base $\times$ Height $=S R \times Q M$
$=7.6 \times 12=91.2 \mathrm{~cm}^{2}$
b) Area of parallelogram $=$ Base $\times$ Height $=\mathrm{PS} \times \mathrm{QN}=91.2 \mathrm{~cm}^{2}$
$\mathrm{QN} \times 8=91.2$
$\mathrm{QN}=\frac{91.2}{8}=11.4 \mathrm{~cm}$

# Late Shri Vinayak Gopal Shenvi Vidyalaya, Rawanfond, Navelim 

II Summative Examination 2021
Std: VII
Sub: Mathematics
Marks: 25
Q.1.A) Select and write the most appropriate alternative from those provided below each statement.
i) State the number of lines of symmetry for 'A regular hexagon'
a) 3
b) 4
c) 5
d) 6
ii) What is the coefficient of $a^{2}$ in the expression: $2 x^{2} a^{2}+15 a x-7 a^{3}$
a) $2 x$
b) $x^{2}$
c) $2 x^{2}$
d) -7
iii) Find the value of $6^{4}$
a) 1296
b) 1297
c) 1298
d) 1299
iv) Find the circumference of the circle with radius 7 cm . (Take $\pi=\frac{22}{7}$ )
a) 43 cm
b) 44 cm
c) 45 cm
d) 46 cm
B) Fill in the blanks:

| SHAPE | CENTRE OF ROTATION | ANGLE OF ROTATION |
| :--- | :---: | :---: |
| Rhombus | - | - |
| Equilateral Triangle | - | - |

C) Simplify and express the following in exponential form:

$$
\frac{3 \times 7^{2} \times 11^{6}}{21 \times 11}
$$

## Q.2.A) Attempt the following:

i) Using laws of exponents, simplify and write the answer in exponential form:

$$
2^{4} \times 2^{3} \times 3^{7}
$$

ii) Express the following number using exponential notation: 343
B) Give the order of rotational symmetry for each figure:

(a)

(b)
C) Draw the tree diagram for the following expression:

$$
1+x-x^{2}
$$

## Q.3.A) Attempt the following:

i) Express the number appearing in the following statement in standard form:
'Diameter of Earth is 1,27,56,000 m.'
ii) Express the following number in standard form: 80,000.
B) Subtract

$$
5 a^{2}-7 a b+5 b^{2} \text { from } 3 \mathrm{ab}-2 a^{2}-2 b^{2}
$$

C) Find the area of each of the following parallelograms:

(a)

(b)

## Q.4.A) Name the following:

i) Name any two figures that have both line symmetry and rotational symmetry.
ii) Name the quadrilaterals which have both line and rotational symmetry of order more than 1.
B) Simplify:

$$
2^{4} \times 5^{2}
$$

C) Find the breadth of a rectangular plot of land, if its area is $440 \mathrm{~m}^{2}$ and length is 22 m . Also find its perimeter.

ANSWER KEY
Q.1.A)
i) d)
ii) c)
iii) a)
iv) b)
B) Centre of Rotation Angle of Rotation

Intersecting point of diagonals

$$
180^{\circ}
$$

Intersecting point of $120^{\circ}$ medians

$$
\text { c) } \begin{aligned}
& \frac{3 \times 7^{2} \times 11^{6}}{21 \times 11} \\
= & \frac{3 \times 7^{2} \times 11^{6}}{3 \times 7 \times 11}=7^{2-1} \times 11^{6-1}=7^{1} \times 11^{5}
\end{aligned}
$$

Q.2.A) i) $2^{4} \times 2^{3} \times 2^{7}=2^{(4+3+7)}=2^{14}$
ii)

$$
\begin{aligned}
343 & =7 \times 7 \times 7 \\
& =7^{3}
\end{aligned}
$$

| 7 | $34^{3}$ |
| :---: | :---: |
| 7 | 49 |
| 7 | 7 |
|  | 1 |

B) a) 2
b) 4
c)


$$
\begin{aligned}
& \text { Q.3.A) i) Diameter of the truth } \\
& =1,27,56,000 \mathrm{~m} \\
& =12756 \times 1000 \mathrm{~m} \\
& =12756 \times 1000 \times 1000 \mathrm{~m} \\
& =1.2756 \times 10^{7} \mathrm{~m} \\
& \text { ii) } 8 \times 10^{4} \\
& \text { B) } \\
& 3 a b-2 a^{2}-2 b^{2} \\
& -7 a b+5 a^{2}+5 b^{2} \\
& \frac{+\cdots-}{10 a b-7 a^{2}-7 b^{2}}
\end{aligned}
$$

C) a) Height $=3 \mathrm{~cm}$, Base $=5 \mathrm{~cm}$

$$
\text { Area of parallelogram }=5 \times 3=15 \mathrm{~cm}^{2}
$$

b) Height $=35 \mathrm{~cm}$

$$
\text { Base }=2.5 \mathrm{~cm}
$$

Area of parallelogram $=2.5 \times 3.5=875 \mathrm{~cm}^{2}$
Q.4.A) i) Equilateral triangle and circe.
ii) Line symmetry
B) $2^{4} \times 5^{2}$
C) Area $=L \times b=40 \mathrm{~m}^{2}$

$$
\begin{aligned}
2.2 \times B & =440 \\
B & =\frac{440}{22}=20 \mathrm{~m}
\end{aligned}
$$

Perimeter $=2(l+b)=2(22+20)$

$$
=2\left(4^{2}\right)=84 \mathrm{~m}^{2}
$$

# Late Shri Vinayak Gopal Shenvi Vidyalaya, Rawanfond, Navelim III Formative Examination 2021 

Q.I.A) Fill in the blanks with the appropriate word in the following statements: (2 marks)
i) Air expands on $\qquad$ .
ii) In cockroaches, air enters the body through $\qquad$ .
iii) A dark funnel-shaped cloud that reaches from the sky to the ground is $\qquad$ .
iv) Normal range of breathing rate per minute in an average adult person at rest is $\qquad$ .
B) Name two devices that forecast a cyclone.
C) Name the tiny pores on the surface of leaves.
D) The figure given below is the soil profile. Label the various layers.


## SOIL PROFILE

Q.II.A) Mention any two precautions that one should take during a thunderstorm. (1 mark)
B) Mention any two uses of soil.
C) Explain why does the can with hot water get distorted?
D) Explain how soil is formed.
Q.III.A) Fill in the blanks with the appropriate word in the following statements: (2 marks) i) The moving air is called $\qquad$ .
ii) The centre of a cyclone is called $\qquad$ .
iii) Loamy and clayey soils are suitable forgrowing $\qquad$ and $\qquad$ .
B) Name two natural disasters.
C) Name the type of soil used for making pottery.
D) Match Column A with Column B and write the correct option in Column C.

| Column A | Column B | Column C |
| :--- | :--- | :--- |
| i) Anemometer | a) Measures the direction of <br> wind |  |
| ii) Wind vane | b) Measure the air pressure at <br> any place |  |
|  | c) Measures the speed of <br> wind |  |

Q.IV.A) How does yawning help us ?
B) Explain why does an athlete breathe faster and deeper than usual afterfinishing the race?
C) Explain how soil erosion could be prevented.
D) List the similarities and differences between aerobic and anaerobic respiration. (2 marks)

Answer Key
Q.1.A)
i) heating
ii) Spiracles
iii) tornado
iv) 12 to 20 breaths per minute
B) Satellites, Radars
C) Stomate
D) 1) Topsail (A horizon)
2) Subsoil (B horizon)
3) C horizon
4) Bedrock
Q.11.A) - Avoid electronic equipment.

- Always try to go indoor when there is a heavy thunderstorm.
B) . Pottery
- Agriculture
C) As the hot water is poured into the can, some steam in the can condenses into water, reducing the amount of air inside it. The pressure inside the can decreases than the pressure exerted by the air from outside the can. As a result, the can gets compressed.
D) Soil minerals form the basis of soil. They are produced from rocks (parent material) through the processes of weathering and natural erosion. Water, wind, temperature change, gravity, chemical interaction, living organisms and pressure differences all help break down parent material.
Q.111.A)
i) wind
ii) The eye
iii) wheat, pulses
B) Hurricanes, tsunamis
C) Clayey soil
D) Column $c$
c)
a)
Q.IV.A) Yawning helps us bring move oxygen into the blood and move more carbon dioxide out of the blood.
B) Athletes need a lot of energy during the race, and for the release of energy, they need a lot of oxygen, hence they breathe faster than usual after finishing the race.
c). Planting more and more trees will result in the reduction of soil erosion.
- By stopping deforestation and avoiding overgrazing of animals.
D) Similarities: In both Finds of respiration, ford particles are broken docon to finer constituents.

Differences

| Aerobic <br> respiration | Anaerobic respiration |
| :--- | :--- |
| Takes place in | Takes place in the absence |
| The presence of | of oxygen |
| oxygen | End products are $\mathrm{CO}_{2}$ and |
| End products | alcohol |
| are $\mathrm{CO}_{2} 4 \mathrm{H}_{2} \mathrm{O}$ |  |

# Late Shri Vinayak Gopal Shenvi Vidyalaya, Rawanfond, Navelim <br> II Summative Examination 2021 

Std: VII
Sub: Science
Marks: 25

## Q.I.A) Select and write the most appropriate alternative from those provided below each statement.

i) The Earth's surface is covered with water by $\qquad$ .
a) $71 \%$
b) $72 \%$
c) $73 \%$
ii) The device that records the distance travelled by a vehicle is $\qquad$ .
a) Speedometer
b) Tachometer
c) Odometer
iii) Micro-organisms act upon the dead plants to produce $\qquad$ .
a) Humus
b) Bacteria
c) Fungi
iv) An image that cannot be obtained on a screen is called $\qquad$ .
a) Erect Image
b) Virtual Image
c) Real Image
B) Name the most ancient unit of time in which it was earlier measured.
C) Name the techniques of watering plants which minimizes the wastage of water. (1 mark)
D) Explain why concave mirror is known as a converging mirror.
E) Draw the symbols to represent the following components of electrical circuits:
i) Switch in ON position
ii) Battery
Q.II.A) Classify the following as motion along a straight line, circular motion or oscillatory motion.

1. Motion of a child in a merry-go-round.
2. Motion of the hammer of an electricbell.
B) State the characteristics of image formed by a plane mirror.
C) Write two advantages of conserving water.
D) Distinguish between an open circuit and a closed circuit.
E) Match Column A with Column B and write the correct option in Column C.

| Column A | Column B | Column C |
| :--- | :--- | :--- |
| i) A convex mirror | a) Used by dentists to see an <br> enlarged image of teeth. |  |
| ii) A concave mirror | b) The image is erect and of <br> the same size as the object. |  |
|  | c) Can form an image of <br> objects spread over a large <br> area. |  |

## Q.III.A) Select and write the most appropriate alternative from those provided below each statement.

i) The basic unit of speed is $\qquad$ .
a) $\mathrm{m} / \mathrm{s}$
b) $\mathrm{km} / \mathrm{min}$
c) $\mathrm{m} / \mathrm{min}$
ii) The process of water seepage into the ground is called $\qquad$ .
a) Infiltration
b) Aquifer
c) Recharge
iii) A virtual image larger than the object can be produced by a $\qquad$ .
a) Convex Mirror
b) Concave Mirror
c) Plane Mirror
iv) The excessive cutting of trees for personal or commercial purpose is called $\qquad$ .
a) Canopy
b) Soil Erosion
c) Deforestation
B) Name any two birds which you expect to see in a forest.
C) Name the type of mark for which we should look at an electric appliance before buying.
D) Why is an electricfuse required in all electrical appliance?
E) The distance between two stations is 120 km . A train takes 2 hours to cover this distance. Calculate the speed of the train.
Q.IV.A) What is reflection?
B) Forests are called green lungs. Give reason.
C) Explain how groundwater is recharged.
D) What is the reason due to which Earth appears blue from space?
E) Label the missing elements from the figure given below:


## ALL THE BEST

ANSWER KEY
Q.1.A)

1. 最 $71 \%$
2. d) speedometer
3. 9 humus
4. virtual image
B) Thethamustum
C) Drip irrigation
D) Concave mirror is known as a converging mirror because it converges a beam of parallel rays of light at one point.
E) Switch is on position ...
Battery -|r-|1
Q.11.A) 1. Circular motion
5. Oscillatory motion
B). Image distance and object distance are equal

- Size of object and image are equal
C) Protects drinking water resources
- It solves the problem of water scarcity.
D) Open Circuit closed circuit
An open electric circuit A closed circuit is an is or electric path which electric path which 80
begins from the positive positive terminal of a terminal of a battery or cell, gets broken. at some point.
E) Colcimn C
c)
a)
Q.111.A)
i) $\mathrm{m} / \mathrm{s}$
ii) infiltration
iii) concave mirror
iv) Deforestation.
B) Hornbill, koel
c) IS I mark
D) Electric fuse is required in all electrical appliances to prevent damage from excesine current flow and during short circuit.
E) Dist. bet ${ }^{n}$ two station $s=120 \mathrm{~km} /$

$$
\begin{aligned}
& \text { Total time taken }=2 \mathrm{hrs} \\
& \qquad \text { Speed }=\frac{\text { Distance }}{\text { time }}=\frac{120}{2}=60 \mathrm{~km} / \mathrm{h}
\end{aligned}
$$

$$
\begin{aligned}
& \text { Qiv. A) Reflection: when light falls on a } \\
& \text { shiny surface, it bounces back. This } \\
& \text { phenomenon is called reflection. } \\
& \text { B) The rainwater and water from other } \\
& \text { Sources such as rivers and ponds sep. } \\
& \text { through then }
\end{aligned}
$$ through the stil and fills the empty spaces and cracks deep below the ground. The process of seeping of water into the grould is called inflitration. By the proven of infiltration, groundwater gets recharged.

c) The earth appears blue from space because a major pout of the surface of earth is covered with wake r in seas and ocean.
D) Plants release oxygen through the process of photosynthesis which helps the animals for respiration. They also maintain the balance of oxygen and $\mathrm{CO}_{2}$ in the atmosphere
E) a) cloud
b) Atmosphere
c) Roots
d) water

## REFLECTION

I believe internship at school is the best part of the B . Ed course. It gives a real life experience and helped me to grow to be a teacher. As a teacher trainee, I could experience the school environment and the day-to-day operations of the school. This year the internship experience was different as we were all hit by the pandemic. So we know that the students weren't present in the school premises. The teaching has shifted from offline to online. My batch would be the first batch where we have experienced both offline classes as well as online classes in this two years course.

I had done my internship at Late Shri Vinayak Gopal Shenvi Vidyalaya, I was an ex-student of the school. That's why I didn't had to hassle in order to find a school for internship. The Headmaster Mr. Damodar Sini Kunde was very kind enough to take me as an intern and assigned Mrs. Roshni Prabhudessai as my mentor teacher. I got an experience of online classes how to prepare lessons, how to make videos and to record ppt. It made me realize making video and recording them and sending it was way more challenging than an offline class. I had to send video recordings to class $7^{\text {th }} A$ for mathematics lessons and class $7^{\text {th }} B$ for science lessons. My mentor teacher was very helpful, she helped me with any difficulties I came across, she had to check all the videos and exercises before it was sent to the class WhatsApp group. I was given an opportunity to set the $3^{\text {rd }}$ formative exam for mathematics and science class $7^{\text {th }}$. Even $2^{\text {nd }}$ summative exam for mathematics and science for class $7^{\text {th }}$. This time the internship experience was like a real school teacher were I had not just given my 20 lessons as a part of internship but I had to complete syllabus of exam portions so had to take many chapters in mathematics as well as science.

I had been a part of Republic Day assembly even prepared the bulletin board for the Republic Day. It was inaugurated by Notary and Advocate Sir Prashant Rajadhyax. The teachers were very humble and kind. It made me nostalgic and I recollected my school days. I relived my school days that's what I realized. When I had to go for supervision it made me realize that, I also was the student of this school and I use to answer my exams sitting on these benches. All round it was very great experience for me as an individual.

The headmaster, teaching staff, non-teaching staffs and the multi-tasking staffs with all of them I had a good bond. The Internship phase had gone smoothly.

## SUGGESTIONS

- Internship would have begun at the beginning of the academic year rather in the second half.
- Last moment we were told to find a school for internship. Whereas in first year, it was provided.
- When the letter was sent to school regarding the extend of internship, it would have been better if the college informed us once that such a letter would be sent across schools asking permission of extending the internship for another two months.
- Maybe an orientation could have been conducted online. In order to understand how to go about the internship during the pandemic and the things to add in the internship file.
- Calling S.Y. students to college during internship wasn't a good idea. Teachers could have sent videos or taken online classes after school hours.

Nirmala Instifure of Education

Name of the School: $\qquad$ Guardian Angel high school
Name of the Teacher Trainee: $\qquad$ ENIDA M. FERNANDES

|  | DATE | ARRIVAI. | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 4.01 .21 | $07: 50 \mathrm{am}$ | 12:45 pm | Girmands |
| TUESDAY | $5.01 \cdot 21$ | $07: 50 \mathrm{am}$ | 12:35 pm | asermands |
| WEDNESDAY | 6.01 .21 | 07:52 am | 12:36 pm | acranasts |
| TIUURSDAY | 7.01.21 | $07: 54 \mathrm{am}$ | 12:35 pm | Coxanande |
| FRIDAY | 8.01 .21 | 07:56 am | 12.35 pm | Psemaner |
| SATURDAY | 9.0121 | $07: 55 \mathrm{~cm}$ | $12: 32 \mathrm{pm}$ | Sernamals |

Nirmala Institute of Education
B.ED ATTENDANCE 2019-2021 (Y2)
Name of the School: GUARDIAN ANGEL HIGH SCHOOL


Name of the Teacher Trainee: $\qquad$ ENDDA $M$ FERNANDES

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 11.01 .21 | $07: 55 \mathrm{am}$ | $12: 35 \mathrm{pm}$ | Lamandes |
| TUESDAY | 12.01 .21 | 07:59 am | 12:35 pm | Bermandu |
| WEDNESDAY | 13.01 .21 | 07:58 am | 12:36 pm | reteraedes |
| THURSDAY | 14.01 .21 | 08:00 am | 12:48 pm | Sraands |
| FRIDAY | 15.01 .21 | 07 : 55 am | 12:35 pm | cfirmandes |
| SATURDAY | - | - | - | - |

Signature of the
Headmaster/Headmistress

NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019 - 2021 (Y2)
NAME OF THE TEACHER TRAINEE: ENIDA M. FERNANDES
NAME OF THE SCHOOL: GUARDIAN ANGEL HIGH SCHOOL

|  | MONDAY Dt: 04.01 .21 | TUESDAY Dt: 05.01.21 | WEDNESDAY Dt: 06.01 .21 |
| :---: | :---: | :---: | :---: |
| Ist Period | Discussion with peers | Meeting with Mentor | Creating Math PPT (1) |
| 2nd Period | Discussion with peers | Planning of Math lesson | Creating Math PPT (1) |
| 3rá Period | Discussion with teacher | Planning of Math lesson | Creating Math PPT (1) |
| 4th Period | Planning of Lesson | Planwing of Math lesson | Creating Math PPT (1) |
| Sth Period |  |  |  |
| 6 h Period |  |  |  |
| 711. Period |  |  |  |
| 8th Period |  |  |  |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
| VAMF OF THE TEICIIFR TRAINFF. ENIDA M. FERNANDES |  |  |  |
|  | Tursovive $7.01 \cdot 21$ | Fumaver 8.01.21 | Strimavo |
| uramed | Creating Math PPT (1) | Preparing for Math lesson | Creating Math PPT |
| Ras | Creationg Math PPT (1) | Math lesson - Sed 1 x | creationg Math Pet |
| unfeed | Substituition ( 10 minutes) <br> Discussion with Music Tr | Substituition ( 15 minutes) Math ${ }^{+} P P T$ | Creationg Math PPT |
| Antrimat | creating Math PPT(1) | Creating Main PPT (2) | Creating Matin PPT |
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Signature of the Headmaster/Headmistress;
NIRMALA INSTITUTE OF EDUCATION
list of activities conducted during internship b.ed. 2019-2021 (Y2)
NAME OF THE TEACHER TRAINEE: ENIDA M. FERNANDES

|  | THURSDAY Dt: 14.01 .21 | FRIDAY Dt: 15.01 .21 | SATURDAY Dt: 16.0121 |
| :---: | :---: | :---: | :---: |
| 1st Period | Edited the PPt | Planned Science Lesson |  |
| 2nd Period | Lesson Runthrough | Worked on Republic Day Poster |  |
| 3rd Period | Lesson Runthrough <br> Lesson@11:00 am | Worked on Republic Day Poster | $\rangle$ |
| 4th Period | Lesson on Polynomials | Worked on Republic Day Poster | Feast of st. Joseph $V_{a z}$ |
| 5th Period |  |  |  |
| 6th Period |  | - |  |
| 7th Period |  |  |  |
| 8th Period |  |  |  |

Nirmala Institute of Education B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: GUARDIAN ANGEL HIGH SCHOOL
Name of the Teacher Trainee: ENIDA M. FERNANDES


Signature of the
Headmaster/Headmistress

Nirmala Institute of Education B. ED ATTENDANCE 2019-2021 (Y2)

Name of the School: GURRDIAN ANGEL HIGH SCHOOL
Name of the Teacher Trainee: ENIDA M. FERNANDES


Signature of sine
Headmasterfricadmistress




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NOLLFONGA AO GLILILLSNI FTVWYIN


NAME OF THE SCHOOL: GUARDIAN ANGEL HIGH SCHOOL


nOILYOกdg do glallissi vTrwuin

Signature of the Headmaster/Headmistress:



Name of the School: $\qquad$
Name of the Teacher Trainee: $\qquad$ ENIDA M. FERNANDES

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 01.02 .21 | 08:00 am | $12: 35 \mathrm{pm}$ | Ofrinandes |
| TUESDAY | 02-02.21 | 07:55 am | 12:35 pm | Orimandes |
| WEDNESDAY | 03.02 .21 | 07:58 am | 12:40 pm | Hernandes |
| THURSDAY | 04.02 .21 | 08.00 am | 12:35 pm | ofirnand |
| FRIDAY | $05.02 \cdot 21$ | 07:59 am | 12:36 pm | Fromandes |
| SATURDAY | 06.02 .21 | 08:00am | 12:35 pm | grinandes |

## Nirmala Institute of Education

B.ED ATTENDANCE 2019-2021 (Y2)


Name of the School: GUARDIAN ANGEL HIGH SCHOOL
Name of the Teacher Traince: ENIDA M.FERNANDES

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 08.02 .21 | 07: 58 am | 12:37 pm | Osernanden |
| TUESDAY | $09.02 \cdot 21$ | 08:01 am | 12:35 pm | Sirnands |
| WEDNESDAY | $10.02 \cdot 21$ | 08:00 am | 12:35 pm | Errmandes |
| THURSDAY | 11.02 .21 | 08:00 am | 12:43 pm | Brernandos |
| FRIDAY | 12.02 .21 | 08:00am | 11: 30 am | afernandas |
| SATURDAY | $13.02 \cdot 21$ | O7: 58 am | 11:40 am | egernandes |



Headmaser/Heaghistress
NIRMALA INSTITUTE OF EDUCA'TION

LIST of activities conducted durung internship bed. 2019-2021 (Y2)
vame of the teacher tranee: ENIDA M. FERNANDES
NAME OF THE SCHOOL: GUARDIAN ANGEL HIGH SCHOOL



Signature of the Headmaster/Headmistress: SATURDAY Dt: $O_{6}$
NIRMALA INSTITUTE OF EDUCATİON
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)

## NAME OF THE TEACHER TRAINEE: ENIDA M. FERNANDES <br> NAME OF THE SCHOOL: GUARDIAN ANGEL HIGH SCHOOL

|  | THURSDAY Dt: $04 \cdot 02 \cdot 21$ | FRIDAY Dt: $05.02-21$ | SATURDAY Dt: 0602.21 |
| :---: | :---: | :---: | :---: |
| 1st Period | Warched content related videos | Created science ppt | Edited Science ppt |
| 2nd Period | Read the science lesson | Edited Science notes | Lesson Runthrough |
| 3 rd Pernod | Typed science notes | Created science ppt | Science Lesson on sound |
| 4th Pcriod | Typed science notes | Created science ppt | Science Lesson on Sound |
| Sth Pcriod |  |  |  |
| 0th Period |  |  |  |
| 7th Period | , |  |  |
| Sth Period |  |  |  |

Signurtur ot the Headmaster/Headmistres:
NIRMALA INSTITUTE OF EDUCATION

Name of the teacher trainee: ENIDA M. FERNANDES

|  | MONDAY Dt: $08 \cdot 02 \cdot 21$ | TUESDAY Dt: 09.02 .21 | WEDNESDAY Dt: 10.02 .21 |
| :---: | :---: | :---: | :---: |
| 1 Ist Period | Watched content related videos | created science ppt | Prepared for Lesson |
| 2nd Period | Read Science Lesson | Created science ppt | Lesson Runthrough |
| 3rd Period | created Slience ppt | created Science ppt | Science Lesson on 'sound' |
| 4th Period | created science ppt | Edited Science ppt | Science Lesson on 'Sound' |
| 5th Perriod |  |  |  |
| tuth Period |  |  |  |
| th Period |  |  |  |
| 3.th Period |  |  |  |

# Nirmala Institute of Education 

B．ED ATTENDANCE 2019－2021（Y2）

Name of the School：GUARDIAN ANGEL HIGH SCHOOL
Name of the Teacher Traince：ENIDA M．FERNANDES

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 15.02 .21 | 07：58 am | $12: 15 \mathrm{pm}$ | ssermandes |
| TUESDAY |  | 08.00 cm | 11：10 am | Crumandss |
|  | $16.02 \cdot 21$ | 08：00 am |  | Ofermendes |
| WEDNESDAY | $17.02 \cdot 21$ | 09：30 am | 12：35 pm | rfermex |
| TIIURSDAY | 18.02 .21 | 07：51 cm | 12：40 pm | Sternandes |
| FRIDAY | $19.02 \cdot 21$ | $07: 55 \mathrm{am}$ | 12：35 pm | fermards |
| SATURDAY | $20.02 \cdot 21$ | － | － |  |

Nirmala Institute of Education
B．ED ATTENDANCE 2019－2021（Y2）


Name of the School：GUARDIAN ANGEL HIGH SCHOOL
Name of the Teacher Trainee：ENIDA M．FERNANDES

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 22.02 .21 | － | － |  |
| TUESDAY | 23.02 .21 | 08：00 am | 12：35 pm | Sternandes |
| WEDNESDAY | $24.02 \cdot 21$ | 08：00 am | 12：36 pm | Ofruandes |
| THURSDAY | $25.02 \cdot 21$ | 07：56 am | 12：35 pm | Herande |
| FRIDAY | $26.02 \cdot 21$ | 07：58 am | 12：05 pm | 28 ernandes |
| SATURDAY | $27.02 \cdot 21$ | $07: 55 \mathrm{am}$ | 12：33 pm | sformandes |



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NOLLFOกG马 AO GJ．aLILSNI YTVWUIN


VIIE OFTHESCHOOL: GUARDIAN ANGEL HIGH SCHOOL


NOLLVOGQG AO glalllisni FTVW\&IN




NOILFSIGZ do glallilsni f Tvinein





NOILVORGA HO GLILLILSNI VTVWYIN

Nirmala Institute of Education
BED ATTENDANCE 2019-2021 (Y2)
Name of the School: $\qquad$
$\qquad$ ANGEL HGH SCHOOL Name of the Teacher Trainee: $\qquad$ ENIDA M. FERNAINDES

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 01.03 .21 | - | - | fromandes |
| TUESDAY | 02.03 .21 | 07:50 cm | 01:40 pm | Ofronosides |
| WEDNESDAY | 03.03 .21 | 07:05 am | 11:10 cm | Oftinands |
| TIIURSDAY | $04.03 \cdot 21$ | 07:45 am | 12:40 pm | efernandes |
| FRIDAY | 05.03.21 | 07:58 cm | 12:42 pm | cosernandes |
| SATURDAY | $06 \cdot 03 \cdot 21$ | 08:06 cm | 12:35 pm | afirmandes |

Nirmala Institute of Education
B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: $\qquad$ GUARDIAN ANGEL MIGH SCHOOL


Name of the Teacher Trainee: ENIDA M. FERNANDES

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACIIER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 08.03 .21 | - | - | Seanander |
| TUESDAY | 09.03.21 | 07.56 dm | 12:36 pm | Fernandes |
| WEDNESDAY | 10.03 .21 | 08.00 dm | 12:40 pm | osernandes |
| THURSDAY | 11.03 .21 | - | - | Psiruandes |
| FRIDAY | 12.03 .21 | - | - | Sernandes |
| SATCRDAY | 13.03 .21 | 08.01 am | 12:35 pm | resmandes |


NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED during internship b.ed. 2019-2021 (Y2)
WIIE OF THE TEACHER TRANEE: ENIDA M. FERNANDES
WIF OF TIIF SCHOOL: GUARDIAN ANGEL HIGH SCHOOL

|  | MONDAY Dt: $01-03.21$ | TUESDAY Dt: 02.03 .21 | WEDNESDAY Dt: 03-03-21 |
| :---: | :---: | :---: | :---: |
| lbiperiod | Classes at NIE. | Typed Liturgy (assigned by Tr. Ruth) | H.M's burthday celebration |
| Lna Perad |  | Worked on Math test blueprint | * |
| 3rd Period |  | Fr. (HM's) birthday preparation | " |
| tin Pariod |  | Birthday Preparation | - |
| Sth Period |  |  |  |
| Oth Perrad |  |  |  |
| 1 th Period |  |  |  |
| sth Perrod |  | $\because$ |  |

Signeture of the Headmaster/Headmistress:
NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED dURING INTERNSHIP B.ED. 2019-2021 (Y2)
VAIE OF THE TEACIIER TRAINEE: ENIDA M. FERNANDES
VAIE OF THE SCHOOL: GUARDIAN ANGEL HIGH SCHOOL

nirmala institute or education
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)

## NAME OF THE TEACHER TRAINEE: ENIDA M. FERNANDES

NAME OF THE SCHOOL: GUARDIAN ANGEL HIGH SCHOOL

NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED dURING INTERNSHIP B.ED. 2019-2021 (Y2)
Valte of tile teaciler trainee: ENIDA M. FERNANDES

|  | THURSDAY Dt: 11.03 .21 | FRIDAY Dt: 12.03 .21 | SATURDAY Dt: 13.03 .21 |
| :---: | :---: | :---: | :---: |
| Ist Penud | Mahashivratri | Lesson at NIE | Meeting with Parents |
| 2nd Period |  |  | " |
| 3 rd Period |  |  | " |
| 4hin Period |  |  | Read Science notes |
| sti. Pocriod |  |  |  |
| otin Period |  |  |  |
| 74is. Perioul |  |  |  |
| Pih Petoud |  |  |  |

Name of the Schoul: GUARDIAN ANGEL HIGH SCHOOL
Name of the Teacher Traince: ENIDA M. FERNANDES

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 15.03 .21 | 09:15 am | 12:45 pm | gernandes |
| TUESDAY | 16.03 .21 | - | - | Permande |
| WEDNESDAY | 17.03 .21 | $09: 15 \mathrm{am}$ | 12:35 pm | rermandes |
| THURSDAY | 18.03 .21 | - | - | Permandes |
| FRIDAY | 19.03 .21 | 08:00 am | 12:40 pm | Trunnandes |
| SATURDAY | 20.03 .21 | - | - | Cernouds |

Guardian Angel tigh School
Curchorent-Gcu

Nirmala Institute of Education
B.ED ATTENDANCE 2019-2021 (Y2) Name of the School: GUARDIAN ANGEL HIGH SCHOOL Name of the Teacher Trainee: ENIDA M. FERNANDES

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 22.03.21 | - | - | , agruandes |
| TUESDAY | 23.03.21 | 07:54am | 12:35 pm | Shernandes |
| WEDNESDAY | 24.03 .21 | - | - | Serunandes |
| THURSDAY | 2503.21 | 08:00 am | 12:40pm | Sumands |
| FRIDAY | 26-03.21 | 08:06am | 12: 35 pm | Stexnandes |
| SATURDAY | 27.03 .21 | 08:08 am | 12:35 pm | \%ornandes |



NAME OF TIIE TEACHER TRANEE:_ENIDA M. FERNANDES

NOILVOOGI dO GLOLILSNI VTVWUIN


NAME OF THE TEACHER TRAINEE: ENIDA M. FERNANDES

NOILYONGG HO GLILILSNI YTVWMIN




Name of tif. TEACIER TRAINEE: ENIDA M. FERNANDES


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NAME OF THESCHOOL: GUARDIAN ANGEL HIGH SCHOOL
Vane of the teacher trainee: ENIDA M. FERNANDES

NOLLYDAGA AO GLILILSNI VTYWZIN

Name of the School: GUARDIAN ANGEL HIGH SCHOOL
Name of the Teacher Trainec: ENIDA M. FERNANDES

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |
| :--- | :---: | :---: | :---: | :---: |
| MONDAY | 29.03 .21 | - | - | gernandes |

Signature of the


HEADMASTER
Guardian Angel High School
Curchorem - Goa

Nirmala Institute of Education
B.ED ATTENDANCE 2019-2021 (Y2)


Name of the School: GUARDIAN ANGEL HIGH SCHOOL
Name of the Teacher Trainee: ENIDA M. FERNANDES

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE <br> TEACIER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
|  | 05.04 .21 | $07: 50 \mathrm{~cm}$ | 12:35 pm | zerunancles |
| MONDAY |  |  |  | sfernandes |
| TUESDAY | $06 \cdot 04 \cdot 21$ | 07:55 am | 1 |  |
| WEDNESDAY | 07.04.21 | $07: 50 \mathrm{~cm}$ | 12:35 pm | Sermandes |
| THURSDAY | $08 \cdot 04 \cdot 21$ | 07:58am | $12: 35 \mathrm{pm}$ | Jermandes |
| FRIDAY | 09.04 .21 | 07:56 am | 12:43 pm | fiernandy |
| SaTURDAY | $10.04 \cdot 21$ | 08:00 am | 12:35 pm | Sermandes |





NAME OF THE SCHOOL: GUARDIAN ANGEL HIGH SCHOOL


nollvonag do klanlilsni vtivwuin




name or the teacier trainee:_ ENIDA M. FERNANDES

NOILFONGA HO GLOLLILSNI YTVNYIN

Nirmaia Institute of Education BEDATIENTANCE 2019-2021 (Y2)

Namt of the Schal GUARDIAN ANGEL HIGH SCHCOL
Name of the Teweher Traince ENTOA M. FERNANDES $\qquad$

|  | DATE | ARRIVAL | DEPVRTURE | SIGNATLAE OF THE TEACHER TROINEF |
| :---: | :---: | :---: | :---: | :---: |
| Movniy | 12.04 .21 | 03:00 am | $12: 35 \mathrm{pm}$ | Setenands |
| TUESDIY | 13.0421 | HOLIDAY | - | Tennatin |
| WEDNESDAY | 14.0421 | HoLiony | - | Iferavenst |
| THITRSDAY | 15.04 .21 | 08:00 cm | $12: 40 \mathrm{pm}$ | asnuentss |
| FRIDAY | 16.04 .21 | 08.00 cm | $12: 35 \mathrm{pm}$ | Struasdes |
| SATURDAY | 17.0421 | 08:00 cm | 12:30 pm | zesesandes |

Signature of the
Headmaster/Headmistress


Guardan angut lig' Echnal Curchorem-G2a

## Nirmala Institute of Education

BED ITIENDANCE 2019-2021 (Y21

Name of the School: $\qquad$ GURPDIAN ANSEL HIGH SCHOOL

Name of the Teacher Trsinee. $\qquad$ ENDDA M. FERNANDES $\qquad$

|  | DATE | MRRIVAL | DEPARTURE | SICNATERE OF THF: TFACIER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 19.0421 | 08:00 am | 12.35 pm | Xferuede |
| TEFSDAY | 20.04.21 | 08:00 am | 12:40pm | resmardx |
| WEDNESDIV | 2104.21 | 08:01am | 12:45 pm | Derucanden |
| THLESDIV | 22.0421 | $08: 05 \mathrm{~cm}$ | 12:35pm | Stumanden |
| FRID 1 | 23.04 .21 | 08:00 cm | 1145 pm |  |
| SIItRDIV | 240421 | - | - |  |

Guardua Angel High School
Curt:groti-Gaa



SAME OF TIE. TEACHER TRNDF ENIDA M. FERNANDES

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NOIIVOAdA AO 3IM.IILSNI VTVINBIN






NAME OF THE SCHOOL: GUARTIAAN AHIGEL HIGH SCAOQL
NAME OF THE TEACHER TRAINEE: E MIDA M EERNANDES


Name： $\qquad$ ENIDA N．FERNAMDES $\qquad$
Subjects： $\qquad$
$\qquad$ \＆ M MATHEMATICS How would you rate the teacher trainees on each of the following： （Tick the appropriate column）

| $\mathbf{1}$（Tick the appropriate column） |  |
| :---: | :--- |
| $\mathbf{2}$ | Respect shown to the Head and Staff of the School |
| $\mathbf{3}$ | Use of Instructional Materials |
| 4 | Quality of lessons given |
| $\mathbf{5}$ | Participation in co－curricular activities |
| $\mathbf{6}$ | Willingness to conduct activities during substitution periods |
| $\mathbf{7}$ | Quality of activities conducted |
| $\mathbf{8}$ | Classroom Management and Discipline |
| $\mathbf{9}$ | Willingness to help in any other activitics conducted in the school |
| $\mathbf{1 0}$ | Punctuality |


| g： |  | $\begin{aligned} & \text { I0 } \\ & \text { B0 } \\ & \text { 己 } \\ & i \end{aligned}$ | $\begin{aligned} & \text { 망 } \\ & \hline 0 \end{aligned}$ | 点 | 商 |
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|  | － | $\checkmark$ | － | － | － |
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| school | － | － | 2 | － | － |
|  | T | $\checkmark$ | － | － | － |

Signature of Mentor／Coordinating teacher

## Nirmala Institute of Education <br> B．Ed 2019－2021（Y2） <br> Individual report of trainee



Name： $\qquad$
Subjects： $\qquad$ \＆ $\qquad$
How would you rate the teacher trainees on each of the following： （Tick the appropriate column）

| 1 | Respect shown to the Head and Staff of the School |
| :---: | :--- |
| $\mathbf{2}$ | Establishment of rapport with Students \＆Staff |
| $\mathbf{3}$ | Use of Instructional Materials |
| $\mathbf{4}$ | Quality of lessons given |
| $\mathbf{5}$ | Participation in co－curricular activities |
| $\mathbf{6}$ | Willingness to conduct activities during substitution periods |
| $\mathbf{7}$ | Quality of activities conducted |
| $\mathbf{8}$ | Classroom Management and Discipline |
| $\mathbf{9}$ | Willingness to help in any other activities conducted in the school |
| $\mathbf{1 0}$ | Punctuality |


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Name： $\qquad$ ENIDA M．FERNANDES

Subjects： $\qquad$ \＆ $\qquad$


How would you rate the teacher trainees on each of the following： （Tick the appropriate column）

| （Tick the appropriate column） |  |  | 2 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Respeet shown to the Head and Staff of the School | $\checkmark$ | － | － | － | － |
| 2 | Establishment of rapport with Students \＆Staff | － | $\checkmark$ | － | － | － |
| 3 | Use of Instructional Materials | $\checkmark$ | － | － | － | － |
| 4 | Quality of lessons given | $\checkmark$ | － | － | － | － |
| 5 | Participation in co－curricular activities | $\checkmark$ | － | － | － | － |
| 6 | Willingness to conduct activities during substitution periods | － |  | － | － | － |
| 7 | Quality of activities conducted | － |  | － | － | － |
| 8 | Classroom Management and Discipline | － | － |  | － |  |
| 9 | Willingness to help in any other activitics conducted in the school | － | － |  | － |  |
| 10 | Punctuality |  |  | － | － |  |

Signature of Mentor／Coordinating teacher

Nirmala Institute of Education
B．Ed 2019－2021（Y2）

## Individual report of trainee



Name： $\qquad$

## Subjects：

$\qquad$ \＆ $\qquad$ How would you rate the teacher trainecs on each of the following： （Tick the appropriate column）

| （Tick the appropriate column） |  |
| :--- | :--- |
| 1 | Respect shown to the Head and Staff of the School |
| $\mathbf{2}$ | Establishment of rapport with Students \＆Staff |
| $\mathbf{3}$ | Usc of Instructional Matcrials |
| $\mathbf{4}$ | Quality of lessons given |
| $\mathbf{5}$ | Participation in co－curricular activities |
| $\mathbf{6}$ | Willingness to conduct activities during substitution periods |
| $\mathbf{7}$ | Quality of activities conducted |
| $\mathbf{8}$ | Classroom Management and Discipline |
| $\mathbf{9}$ | Willingness to help in any other activities conducted in the school |
| $\mathbf{1 0}$ | Punctuality |


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# NIRMALA INSTITUTE OF EDUCATION Bachelor of Education (B.Ed.) <br> Altinho, Panjim, Goa 

## 2019-2021 (Yr II)

This is to certify that Elizabeth Rajan
has completed a sixteen-week Internship Programme from $4^{\text {th }}$ January, 2021 to $24^{\text {th }}$ April, 2021 at

## LATE SHRI VINAYAK GOPAL SHENVI VIDYALAYA

> in partial fulfilment of the

Two-year B.Ed. Degree Course, Goa University

Faculty Supervisors
Name

1. Ms. Ximena Fonseca

Signature
$\qquad$
2. Ms. Pratiksha Shirodkar $\qquad$

Nirmala Institute of Education
B.Ed 2019-2021 (Y2)

Individual report of trainee (Jan $\&$ Feb)
Name: Elizabeth Rajan
Subjects: Maths
\&
How would you rate the teacher trainees on each of the following: (Tick the appropriate column)
$\qquad$ Science



Signature of Mentor/Coordinating teacher

Nirmala Institute of Education
B. Ed 2019-2021 (Y2)

Individual report of trainee (March \& April)
Name: Elizabeth Rajan
Subjects: Maths \& $\qquad$
How would you rate the teacher trainees on each of the following:
(Tick the appropriate column)


# Nirmala Institute of Education <br> BEd 2019-2021 (Y2) <br> Attendance record of teacher trainee 

Name: Elizabeth Rajan

Internship Dates : 04/01/2021 to 2廿/02/2021


# Nirmala Institute of Education 

B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan

|  | DATE | ARRIVAL | departure | SIGNATURE OF THE teacher trainee |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | O4-01-2021 | $8: 20 \mathrm{am}$ | 12:05 pm | Elipejan. |
| tuesday | 05-01-20.21 | 8:20 am | 12:00 pm | EliRajan |
| Wednesday | 06-1-2021 | 8:25am | 12:00 pm | EriPajan. |
| Thursday | 07-1-2021 | 8.25am | 12:00 pm | elirejan. |
| friday | 08-1-2021 | 8:30 am | 12:00 pm | riRajan. |
| SATURDAY | \|09-1-2021| | 8.25 am | 12:00pm | EliRajan. |

## Nirmala Institute of Education

B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan

|  | date | ARRIVAL | DEPARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |
| :--- | :---: | :---: | :---: | :---: |
| MONDAY | $11-1-2021$ | $8: 30 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | Elifajan |
| TUESDAY | $12-1-2021$ | $8: 25 \mathrm{am}$ | $12: 00 \mathrm{pm}$ | Elifajan |
| WEDNESDAY | $13-1-2021$ | $8: 25 \mathrm{am}$ | $12: 00 \mathrm{pm}$ | Elifaqu |
| THURSDAY | $14-1-2021$ | $8: 25 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliPajan |
| FRIDAY | $15-1-2021$ | 8.25 am | $12: 05 \mathrm{pm}$ | Elifajan. |
| SATURDAY | $16-1-2021$ | $8: 30 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | Elifajan |

Signature of the
Headmasthe deadmistress
Laing Ihri Vinayak Gopal Shenvi Vidyaiay:
Rawanfond-Navelim

# Nirmala Institute of Education <br> B.EDATTENDANCE 2019-2021 (Y2) 

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan

| MONDAY | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
|  | $18-1-2021$ | 8:20 am |  |  |
| TUESDAY | 19-1-2021 |  | 12.00pm | Elikajas. |
| WEDNESDAY | 20-1-2021 | 8. 25 am | 12:00 pm | elirajos. |
| THURSDAY | 20-1-2021 | 8:25am | 12:05 pm | EliPajas. |
| FRIDAY | 22-1-2021 | 8:30 am | 12.00 pm | elirojar. |
| SATURDAY |  | 8:25 am | 12:05pm | Elifejan. |
|  | 23-1-2021 | 8:15 am | 12:00 pm | Elifajan. |

HEADMASTER
Lake Stin Vinayak Gopal Shenvi Vidy day?
Rawanfond-Navelim

Nirmala Institute of Education
B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabe th Rajan

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | $25-1-2021$ | 8:10am | 12:00 pm | Elifajan |
| TUESDAY | 26-1-2021 | 7:30am | 10:30 amm | Urifaga? |
| WEDNESDAY | $27-1-2021$ | 8:15 am | $12.00{ }^{2} \mathrm{pm}$ | EliRajan |
| THURSDAY | 28-1-2021 | 8:25am | 12:05pm | EliRajan |
| FRIDAY | 29-1-2021 | 8:25am | 12:05 pm | eliRajan. |
| SATURDAY | $30-1-2021$ | 8.10 ame | 12:00 pm | Eirejon |

Hectrintapirasingross
i.nte SHu Vinayak Gopal Shenvi Vidyalayn

Rawanfond-Navelim

Nirmala Institute of Education<br>B.ED ATTENDANCE 2019-2021 ( Y 2 )

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 1-2-2021 | 8:15am | 12:05pm | Elifajar. |
| TUESDAY | 2-2-2021 | 8:10 am | 12:00 pm | elifajar. |
| WEDNESDAY | 3-2-2021 | 8:25am | $12: 05 \mathrm{pm}$ | Elifajan. |
| THURSDAY | 4-2-2021 | 8:10 am | 12:00 mm | EliRajan. |
| FRIDAY | 5-2-2021 | 8:25ame | 12:05 pm | Elifajan. |
| SATURDAY | \|6-2-202| | 8:20 am | 12:05 pm | quitejon. |

Nirmala Institute of Education B.ED ATIENDAN(E 2019-2021 (Y2)

Name of the scheol Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teachor Trance Elizabeth Rajan

| DATE | ARRIVAI | DEPARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |  |
| :--- | :---: | :---: | :---: | :---: |
| MONDAY | $8-2-2021$ | $8: 15 \mathrm{am}$ | $12: 00 \mathrm{pm}$ | EdiPajan |
| TUESDAY | $9-2-2021$ | $8: 25 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliRajan |
| WEDNESDAY | $10-2-204$ | $8: 25 \mathrm{am}$ | $12: 00 \mathrm{pm}$ | Elipagan. |
| THURSDAY | $11-2-2024$ | $8: 20 \mathrm{am}$ | $12: 00 \mathrm{pm}$ | Elipéan |
| FRIDAY | $12-2-2021$ | $8: 20 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | Elifagan |
| SATURDAY | $13-2-204$ | $8: 15 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | Elipajan |



Nirmala Institute of Education
B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinayak Cropal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan



Signature of the
mads
Headmaster/Heqdunistress
HEADMASTER
Lsie Stri Vinayak Gopal Shenvi Vidyala,
Rawanfond-Navelim


Nirmala Institute of Education
B.ED ATTENDANCE 2019-2021 (1/2)

Vame of the School Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Irance Elizabeth Rajan


## Nirmala Institute of Education B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainec: Elizabeth Rajan

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 1-3-204 | - | - | - |
| TUESDAY | 2-3-2021 | 8:20am |  |  |
| WEDNESDAY | 2-3-2024 | 8:20am | 12:05pm | EliRajar. |
|  | 3-3-204 | - | - | - |
| THURSDAY | 4-3-2021 | 8:20 am | 12:05 pm | Eliraja |
| FRIDAY | 5-3-2021 |  |  |  |
| SATURDAY |  | 8:20 am | 12:05 pm | Elirajan. |
| SATURDAY | 6-3-2021 | 8:25 am | 12.05 pm | eliRajan |

# Virmala Institute of Education <br> BED ATTENDANCE 2019-2021 (Y2) 

Name of the School Late Shri Vinayak Goupal Shenvi Vidhyalay
Name of the Teacher Trames Elizabeth Rajan vame of the Teacher Trames Elizabeth Rajan

| MONDAY | DATE | ARRIVAI. | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 8-3-2024 | - | - |  |
| TUESDAY | 9-3-2024 | $8: 20 \mathrm{am}$ | 12:05 pm | riperan. |
| WEDNESDAY | 10-3-204 | - |  |  |
| THURSDAY | $111-3-2021$ |  | - | - |
|  |  | - | - | - |
| FRIDAY | $12-3-2021$ | 8:20 am | 12:05 pm | EliRajan. |
| SATURDAY | 13-3-2021 | 8:25am |  |  |
|  |  |  | $12: 10 \mathrm{pm}$ | EliPajan |

Nirmala Institute of Education

B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinoyak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |
| :--- | :---: | :---: | :---: | :---: |
| MONDAY | $15-3-2021$ | $8: 20 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliRajan. |
| TUESDAY | $16-3-2021$ | - | - | - |
| WEDNESDAY | $17-3-2021$ | $8: 20 \mathrm{am}$ | $12: 10 \mathrm{pm}$ | EliRajan. |
| THURSDAY | $18-3-2021$ | - | - | - |
| FRIDAY | $19-3-2021$ | $8: 25 \mathrm{am}$ | $12: 10 \mathrm{pm}$ | EliRajan. |
| SATURDAY | $20-3-2021$ | $8: 25 \mathrm{am}$ | $12: 10 \mathrm{pm}$ | elifajol. |



Headmaster/Headmistress
HEADMASTER
Late sidi Vineyak Gopal Shenwi Modyalays
Rawanfond - Navelim


Nirmala Institute of Education
B.ED ATTENDANCE 2019-2021 ( Y 2 )

Name of the School: Late Shri Vinayak toopal Shenvi Vidhyalay Name of the Teacher Traince: Elizabeth Rajan

|  | DATE | ARRIVAL | DEpARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |
| :--- | :---: | :---: | :---: | :---: |
| MONDAY | $22-8-2021$ | - | - | - |
| TUESDAY | $23-3-2021$ | $8: 00 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliRajan |
| WEDNESDAY | $24-3-2021$ | - | - | - |
| THURSDAY | $25-3-2021$ | $8: 10 \mathrm{am}$ | $12: 00 \mathrm{pm}$ | EliRajan |
| FRIDAY | $26-3-2021$ | $8: 10 \mathrm{am}$ | $12: 10 \mathrm{pm}$ | EliRajan |
| SATURDAY | $27-8-2021$ | $8: 00 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliRajan. |

Rawenfond-Navelim

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan



HEADMASTER
Lin Itui Wheyak Gopal Shenvi Woyzaya
Rewantond - Navelim

Nirmala Institute of Education
B ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainec: Elizabeth Rajan

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |
| :--- | :---: | :---: | :---: | :---: |
| MONDAY | $05-4-2221$ | 8.20 am | $12: 05 \mathrm{pm}$ | Elifejan |
| TUESDAY | $06-4-202$ | 8.20 am | $12: 05 \mathrm{pm}$ | EliRajan |
| WEDNESDAY | $07-04-204$ | 8.25 am | $12: 10 \mathrm{pm}$ | EliRajan |
| THURSDAY | $08-4-204$ | 8.20 am | $12: 10 \mathrm{pm}$ | Elifafan |
| FRIDAY | $09.4-2024$ | $8: 20 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliRafan |
| SATURDAY | $10-4-2024$ | 8.25 am | 12.05 pm | Elifajan |

Signature of the
Headmaster/Headmistress


Name of the School: Late Shri Vinayak Gropal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan


Signature of the


Headmaster/HeadmistressuE ADMASTER
Lula athi Ynaybak Gopas Shenvi Vidyziaya
Rawanfond-Navelim

## Nirmala Institute of Education <br> B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |
| :--- | :---: | :---: | :---: | :---: |
| MONDAY | $19-4-204$ | $8: 20 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | eliRajar |
| TUESDAY | $20-4-2024$ | $8: 25 \mathrm{am}$ | $12: 10 \mathrm{pm}$ | EliRajan |
| WEDNESDAY | $21-4-2024$ | $8: 20 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | Elifajan |
| THURSDAY | $22-4-2021$ | $8: 25 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EuRajan |
| FRIDAY | $23-4-2021$ | $8: 20 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliRajan |
| SATURDAY | $24-4-2021$ | $8: 20 \mathrm{am}$ | $12: 10 \mathrm{pm}$ | EliRajan |

Headmaster/Headmistress HE ADMASTER

# NIRMALA INSTITUTE OF EDUCATION Bachelor of Education (B.Ed.) <br> Altinho, Panjim, Goa 

## 2019-2021 (Yr II)

This is to certify that Elizabeth Rajan
has completed a sixteen-week Internship Programme from $4^{\text {th }}$ January, 2021 to $24^{\text {th }}$ April, 2021 at

## LATE SHRI VINAYAK GOPAL SHENVI VIDYALAYA

> in partial fulfilment of the

Two-year B.Ed. Degree Course, Goa University

Faculty Supervisors
Name

1. Ms. Ximena Fonseca

Signature
$\qquad$
2. Ms. Pratiksha Shirodkar $\qquad$

Nirmala Institute of Education
B.Ed 2019-2021 (Y2)

Individual report of trainee (Jan $\&$ Feb)
Name: Elizabeth Rajan
Subjects: Maths
\&
How would you rate the teacher trainees on each of the following: (Tick the appropriate column)
$\qquad$ Science



Signature of Mentor/Coordinating teacher

Nirmala Institute of Education
B. Ed 2019-2021 (Y2)

Individual report of trainee (March \& April)
Name: Elizabeth Rajan
Subjects: Maths \& $\qquad$
How would you rate the teacher trainees on each of the following:
(Tick the appropriate column)


# Nirmala Institute of Education <br> BEd 2019-2021 (Y2) <br> Attendance record of teacher trainee 

Name: Elizabeth Rajan

Internship Dates : 04/01/2021 to 2廿/02/2021


# Nirmala Institute of Education 

B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan

|  | DATE | ARRIVAL | departure | SIGNATURE OF THE teacher trainee |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | O4-01-2021 | $8: 20 \mathrm{am}$ | 12:05 pm | Elipejan. |
| tuesday | 05-01-20.21 | 8:20 am | 12:00 pm | EliRajan |
| Wednesday | 06-1-2021 | 8:25am | 12:00 pm | EriPajan. |
| Thursday | 07-1-2021 | 8.25am | 12:00 pm | elirejan. |
| friday | 08-1-2021 | 8:30 am | 12:00 pm | riRajan. |
| SATURDAY | \|09-1-2021| | 8.25 am | 12:00pm | EliRajan. |

## Nirmala Institute of Education

B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan

|  | date | ARRIVAL | DEPARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |
| :--- | :---: | :---: | :---: | :---: |
| MONDAY | $11-1-2021$ | $8: 30 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | Elifajan |
| TUESDAY | $12-1-2021$ | $8: 25 \mathrm{am}$ | $12: 00 \mathrm{pm}$ | Elifajan |
| WEDNESDAY | $13-1-2021$ | $8: 25 \mathrm{am}$ | $12: 00 \mathrm{pm}$ | Elifaqu |
| THURSDAY | $14-1-2021$ | $8: 25 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliPajan |
| FRIDAY | $15-1-2021$ | 8.25 am | $12: 05 \mathrm{pm}$ | Elifajan. |
| SATURDAY | $16-1-2021$ | $8: 30 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | Elifajan |

Signature of the
Headmasthe deadmistress
Laing Ihri Vinayak Gopal Shenvi Vidyaiay:
Rawanfond-Navelim

# Nirmala Institute of Education <br> B.EDATTENDANCE 2019-2021 (Y2) 

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan

| MONDAY | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
|  | $18-1-2021$ | 8:20 am |  |  |
| TUESDAY | 19-1-2021 |  | 12.00pm | Elikajas. |
| WEDNESDAY | 20-1-2021 | 8. 25 am | 12:00 pm | elirajos. |
| THURSDAY | 20-1-2021 | 8:25am | 12:05 pm | EliPajas. |
| FRIDAY | 22-1-2021 | 8:30 am | 12.00 pm | elirojar. |
| SATURDAY |  | 8:25 am | 12:05pm | Elifejan. |
|  | 23-1-2021 | 8:15 am | 12:00 pm | Elifajan. |

HEADMASTER
Lake Stin Vinayak Gopal Shenvi Vidy day?
Rawanfond-Navelim

Nirmala Institute of Education
B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabe th Rajan

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | $25-1-2021$ | 8:10am | 12:00 pm | Elifajan |
| TUESDAY | 26-1-2021 | 7:30am | 10:30 amm | Urifaga? |
| WEDNESDAY | $27-1-2021$ | 8:15 am | $12.00{ }^{2} \mathrm{pm}$ | EliRajan |
| THURSDAY | 28-1-2021 | 8:25am | 12:05pm | EliRajan |
| FRIDAY | 29-1-2021 | 8:25am | 12:05 pm | eliRajan. |
| SATURDAY | $30-1-2021$ | 8.10 ame | 12:00 pm | Eirejon |

Hectrintapirasingross
i.nte SHu Vinayak Gopal Shenvi Vidyalayn

Rawanfond-Navelim

Nirmala Institute of Education<br>B.ED ATTENDANCE 2019-2021 ( Y 2 )

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 1-2-2021 | 8:15am | 12:05pm | Elifajar. |
| TUESDAY | 2-2-2021 | 8:10 am | 12:00 pm | elifajar. |
| WEDNESDAY | 3-2-2021 | 8:25am | $12: 05 \mathrm{pm}$ | Elifajan. |
| THURSDAY | 4-2-2021 | 8:10 am | 12:00 mm | EliRajan. |
| FRIDAY | 5-2-2021 | 8:25ame | 12:05 pm | Elifajan. |
| SATURDAY | \|6-2-202| | 8:20 am | 12:05 pm | quitejon. |

Nirmala Institute of Education B.ED ATIENDAN(E 2019-2021 (Y2)

Name of the scheol Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teachor Trance Elizabeth Rajan

| DATE | ARRIVAI | DEPARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |  |
| :--- | :---: | :---: | :---: | :---: |
| MONDAY | $8-2-2021$ | $8: 15 \mathrm{am}$ | $12: 00 \mathrm{pm}$ | EdiPajan |
| TUESDAY | $9-2-2021$ | $8: 25 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliRajan |
| WEDNESDAY | $10-2-204$ | $8: 25 \mathrm{am}$ | $12: 00 \mathrm{pm}$ | Elipagan. |
| THURSDAY | $11-2-2024$ | $8: 20 \mathrm{am}$ | $12: 00 \mathrm{pm}$ | Elipéan |
| FRIDAY | $12-2-2021$ | $8: 20 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | Elifagan |
| SATURDAY | $13-2-204$ | $8: 15 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | Elipajan |



Nirmala Institute of Education
B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinayak Cropal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan



Signature of the
mads
Headmaster/Heqdunistress
HEADMASTER
Lsie Stri Vinayak Gopal Shenvi Vidyala,
Rawanfond-Navelim


Nirmala Institute of Education
B.ED ATTENDANCE 2019-2021 (1/2)

Vame of the School Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Irance Elizabeth Rajan


## Nirmala Institute of Education B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainec: Elizabeth Rajan

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 1-3-204 | - | - | - |
| TUESDAY | 2-3-2021 | 8:20am |  |  |
| WEDNESDAY | 2-3-2024 | 8:20am | 12:05pm | EliRajar. |
|  | 3-3-204 | - | - | - |
| THURSDAY | 4-3-2021 | 8:20 am | 12:05 pm | Eliraja |
| FRIDAY | 5-3-2021 |  |  |  |
| SATURDAY |  | 8:20 am | 12:05 pm | Elirajan. |
| SATURDAY | 6-3-2021 | 8:25 am | 12.05 pm | eliRajan |

# Virmala Institute of Education <br> BED ATTENDANCE 2019-2021 (Y2) 

Name of the School Late Shri Vinayak Goupal Shenvi Vidhyalay
Name of the Teacher Trames Elizabeth Rajan vame of the Teacher Trames Elizabeth Rajan

| MONDAY | DATE | ARRIVAI. | DEPARTURE | SIGNATURE OF THE TEACHER TRAINEE |
| :---: | :---: | :---: | :---: | :---: |
| MONDAY | 8-3-2024 | - | - |  |
| TUESDAY | 9-3-2024 | $8: 20 \mathrm{am}$ | 12:05 pm | riperan. |
| WEDNESDAY | 10-3-204 | - |  |  |
| THURSDAY | $111-3-2021$ |  | - | - |
|  |  | - | - | - |
| FRIDAY | $12-3-2021$ | 8:20 am | 12:05 pm | EliRajan. |
| SATURDAY | 13-3-2021 | 8:25am |  |  |
|  |  |  | $12: 10 \mathrm{pm}$ | EliPajan |

Nirmala Institute of Education

B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinoyak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |
| :--- | :---: | :---: | :---: | :---: |
| MONDAY | $15-3-2021$ | $8: 20 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliRajan. |
| TUESDAY | $16-3-2021$ | - | - | - |
| WEDNESDAY | $17-3-2021$ | $8: 20 \mathrm{am}$ | $12: 10 \mathrm{pm}$ | EliRajan. |
| THURSDAY | $18-3-2021$ | - | - | - |
| FRIDAY | $19-3-2021$ | $8: 25 \mathrm{am}$ | $12: 10 \mathrm{pm}$ | EliRajan. |
| SATURDAY | $20-3-2021$ | $8: 25 \mathrm{am}$ | $12: 10 \mathrm{pm}$ | elifajol. |



Headmaster/Headmistress
HEADMASTER
Late sidi Vineyak Gopal Shenwi Modyalays
Rawanfond - Navelim


Nirmala Institute of Education
B.ED ATTENDANCE 2019-2021 ( Y 2 )

Name of the School: Late Shri Vinayak toopal Shenvi Vidhyalay Name of the Teacher Traince: Elizabeth Rajan

|  | DATE | ARRIVAL | DEpARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |
| :--- | :---: | :---: | :---: | :---: |
| MONDAY | $22-8-2021$ | - | - | - |
| TUESDAY | $23-3-2021$ | $8: 00 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliRajan |
| WEDNESDAY | $24-3-2021$ | - | - | - |
| THURSDAY | $25-3-2021$ | $8: 10 \mathrm{am}$ | $12: 00 \mathrm{pm}$ | EliRajan |
| FRIDAY | $26-3-2021$ | $8: 10 \mathrm{am}$ | $12: 10 \mathrm{pm}$ | EliRajan |
| SATURDAY | $27-8-2021$ | $8: 00 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliRajan. |

Rawenfond-Navelim

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan



HEADMASTER
Lin Itui Wheyak Gopal Shenvi Woyzaya
Rewantond - Navelim

Nirmala Institute of Education
B ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainec: Elizabeth Rajan

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |
| :--- | :---: | :---: | :---: | :---: |
| MONDAY | $05-4-2221$ | 8.20 am | $12: 05 \mathrm{pm}$ | Elifejan |
| TUESDAY | $06-4-202$ | 8.20 am | $12: 05 \mathrm{pm}$ | EliRajan |
| WEDNESDAY | $07-04-204$ | 8.25 am | $12: 10 \mathrm{pm}$ | EliRajan |
| THURSDAY | $08-4-204$ | 8.20 am | $12: 10 \mathrm{pm}$ | Elifafan |
| FRIDAY | $09.4-2024$ | $8: 20 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliRafan |
| SATURDAY | $10-4-2024$ | 8.25 am | 12.05 pm | Elifajan |

Signature of the
Headmaster/Headmistress


Name of the School: Late Shri Vinayak Gropal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan


Signature of the


Headmaster/HeadmistressuE ADMASTER
Lula athi Ynaybak Gopas Shenvi Vidyziaya
Rawanfond-Navelim

## Nirmala Institute of Education <br> B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Late Shri Vinayak Gopal Shenvi Vidhyalay Name of the Teacher Trainee: Elizabeth Rajan

|  | DATE | ARRIVAL | DEPARTURE | SIGNATURE OF THE <br> TEACHER TRAINEE |
| :--- | :---: | :---: | :---: | :---: |
| MONDAY | $19-4-204$ | $8: 20 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | eliRajar |
| TUESDAY | $20-4-2024$ | $8: 25 \mathrm{am}$ | $12: 10 \mathrm{pm}$ | EliRajan |
| WEDNESDAY | $21-4-2024$ | $8: 20 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | Elifajan |
| THURSDAY | $22-4-2021$ | $8: 25 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EuRajan |
| FRIDAY | $23-4-2021$ | $8: 20 \mathrm{am}$ | $12: 05 \mathrm{pm}$ | EliRajan |
| SATURDAY | $24-4-2021$ | $8: 20 \mathrm{am}$ | $12: 10 \mathrm{pm}$ | EliRajan |

Headmaster/Headmistress HE ADMASTER

NIRMALA INSTITUTE OF EDUCATION
List of activities conducted during internship b. ed. 2019-2021 (Y2)
name of the teacher trainee: Elizabeth Raja
name of the school: Late Sheri Vinayak Gopal Shenvi Vidhyalay



## NIRMALA INSTITUTE OF EDUCATION

LIST OF ACTIVITIES CONDUCTED DIRING INTERNSHIPBED. 2019-2021 (Y2)
name of the teacher tranee: Elizabeth Rajan $\qquad$
name or theschool: Late Shri Vinayak Gopal Shenvi Vidhyalay



HEADMASTER
Late 2tri Vnayak Gopal Shenvi Vidyalaya
Rawanford- Navelim

NIRMALA INSTITUTE OF EDUCATION
CONDUCTED DURING INTERNSHIP BED. 2010 - 2021
NAME OF THE TEACHER TRAINEE: Elizabeth Rajan
Name of the school: Late Shri Vinayak
LIST OF ACTIVITIES CONDU
NiRMALA institute of education
LISI OF ICTINITIES CONDUCTED DURINGINTERNSHIPBED. 2019 2021()2)
Name of the teacher trainee: Elizabett Rajan
NAIE OF THESCHOOL: Late Shri V nayak Gopal Shem: Vidhyalay

|  |  | TLESDAI Dt: 19 - 1 -2021 | WEDNESDAY Dt: 20.02 |
| :---: | :---: | :---: | :---: |
| 1 l Period | Submitted the list of activities conducted | Started coriting lessen plan(Shence) | Staried prepaing the maths Test pope. |
| 2nd Period | went through the science video | hesson plan (Science) | Prepoung Maths test Paper |
| 3rd Period | Class: $7^{\text {th }} \mathrm{B}$ Science | leston plan (science) | Prepacing - Maths Test Paper |
| 4th Period | Sturted preparing for the bulletin boand (Republic Oray) | Stcoted warting on the bulletin boovd (chart) | Started prepacing the Science Test pope. |
| 5 th Penod | Proparing - bulletin board (chait) | Bu(letin board (chout) | Prepacing. Sixnce Test Paper |
| 6th Peniod | Preparing - bulletin baard (chout) | Bulletin boo.d (chat) | Prepaung Sceuce lest Paper |
| 7th Period | Preparing bulletin board (chait) | Bulletin boand (chout) | Andwee key por Mathe : Suence - Test Papers |
| 8 th Period | Bulletm boord | Bulletn board | Wlent through the answer $k \in y$ |

## NAME OF THE TEACHER TRAINEE: Elizabeth Rajan

NAME OF THE SCHOOL: Late Shri Vinayak Gopal Thenvi Vidhyalacy

|  | THURSDAY Dt: 21-01-2021 | FRIDAY Dt: 22-01-2021 | SATURDAY Dt: $23-01-2021$ |
| :---: | :---: | :---: | :---: |
| 1st Period | Shared the Yura Jagruti 2021 (postur 4 pdf) in the group | Class: $7^{\text {th }} B$ Science | Supervision : $1 \times B$ (offlime exam) |
| 2nd Period | Submitted 5 lesson plans with evaluation sheets (science) | Started prepaling for the next suence leson (soil) | Supervision: $1 \times B$ |
| 3rd Period | Started curiting lesson plan (Maths) | Prepared ppt (Science lenon) | Supervision $1 \times B$ |
| 4th Period - | Leless on plan (Maths) | PPt (8cience lesson) | Supervision : $1 \times B$ |
| 5 th Period | lesson plan (Maths) | Recorded (Science lenon) | Subnitted the answer paper |
| 6th Period | Lerson plan (Maths) | Recorded (Science lerson) | Prepared backdrop for Repubtic Dou (Ashoka chakra) |
| 7th Period | Made an e-poster (Republic Day) | Converted ppt with audio into videos | Prepared backdrop for Republic Doy (Ashoka Chakra |
| 8th Period | E-poster | Prepared the videos | Backdrop (Ashoka Chakra) |


Signature of the Headmaster/Headmistress:
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)
name of the teacher trainee: Elizabeth Rajan name of the school: Late Shrí Vinayak
$(4)$ NIRMALA INSTITUTE OF EDUCATION

| NAME OF THE SCHOOL: Late Shri Vinayak Gopal Shenvi Vidhyalay$\qquad$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | MONDAY Dt: 25-1-2021 |  | TUESDAY Dt: $26-1-2021$ | 21 WEDNESDAY Dt: 27-1-2022 |
| 1st Period | Supervision $1 \times A$ | $R$ |  | supervision $1 \times A$ |
| 2nd Period | Supervision $1 \times A$ | $E$ |  | Supovision $i \times A$ |
| 3 rd Period | Supervision $i \times A$ | $p$ | D | Supervision IXA |
| 4th Period | Supervision $1 \times A$ | $U$ | $A$ | Supervision $i \times A$ |
| 5th Period | Submitted the answer sheets | $B$ | 4 | Submitted the answer sheets |
| 6th Period | Set up of the bulletin board | $L$ |  | collected all the Rexpublic Doy pictures |
| 7th Period | set up of the bullefin boond | I |  | Submitted last week's daily acfirities sheet |
| 8 th Period | clicked pictures of the bulletin board | C |  | Started writing the report or Republic Day |

NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019 - 2021 (Y2)
Elizabeth Rajan
NAME OF THE TEACHER TRAINEE:

| NAME OF THE SCHOOL: <br> Elizabeth Rajan <br> MONDAY Dt: 01-2-2021 Late Shri Vinayak Gopal Shenvi Vidhyalay |  |  |  |
| :---: | :---: | :---: | :---: |
| 1st Period | Filledup last week's daily activity form | Supervision $1 \times A$ <br> TUESDAY Dt: 02-2-2021 | WEDNESDAY Dt: 03-2-2021 sending it (maths) Went through the video before |
| 2nd Period | submitted the daily activity forme | Supervision $1 \times A$ | Class: VIIA Maths |
| 3rd Period | Wrote down maths lesson (rough) | Supervision $1 \times \mathrm{A}$ | Started prepouing for next mathis lesson |
| 4th Period | Maths (lesson) | Supervision $1 \times A$ | Ppt (maths) |
| 5th Period | Maths (leson) | Submitted the auswer sheets | PPt (maths) |
| 6th Period | Read a book | Gave chocolates to all the staffs | Reording (mathes) |
| 7th Period | Read a book | Met all the teaching and non-teaching staffs (geave chocolates) | Recording the video (maths leson) |
| 8 8th Period | Read a book | Met the teachers | Prepared maths videos |
| Signature o | he Headmaster/Headmistress: | Navelifn |  |

NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)
Name of the teacher trainee: Elizabeth Rajan
NAME OF THE SCHOOL: Late Sh

|  | THURSDAY Dt: 04 -2-2021 | FRIDAY Dt: 05-2-2021 | SATURDAY Dt: 06-2-2021 |
| :---: | :---: | :---: | :---: |
| 1st Period | klent through the list (things to do) | Class : VIIB <br> Science (All notes) | Maths lesson ( $p$ pt + recording) |
| 2nd Period | Collected the question papers (for exam) | Collected the question papus (for exam) | Maths lesson (ppt+eecording) |
| 3rd Period | supervision $X B$ | Supervision $\times B$ | class : VII $\beta$ science (Quiz) |
| 4th Period | Supervision $\times B$ | Submitted the answer sheets | Prepared maths ppt |
| 5th Period | Submitted the answer shects | went through the science quiz | Prepared maths ppt |
| 6th Period | Went through the science notes | Played the science quiz (created on Quizizz.com) | went through youtube for certain maths content |
| 7th Period | Went through the science notes | shaved the quir with my classmates. | Went through youtube for eertain maths content |
| 8th Period | Went through the science notes | Asked my clarsmates, how is the quiz prepared. | Wert through youtube for cetain maths content. |


LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)

## Name of the teacher trainee: Elizabeth Pajan

NAME OF THE SCHOOL: Late Shri Vinayak

LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)

## NAME OF THE TEACHER TRAINEE: Elizabeth Rojan

name of the school: Late Shri Vinayak Gopal Shenvi Vidhyalay

|  | THURSDAY Dt: 11-02-2024 | FRIDAY Dt: 12-02-2021 | SATURDAY Dt:13-02-2021 |
| :---: | :---: | :---: | :---: |
| Ist Period | Went through the project (VA) | Class: VIIB Science | Went through the videos for before sending it |
| 2nd Period | collected the question papers (for exam) | collected the question papers (for exam) | Class: VII A Maths |
| 3rd Period | Supervision $X B$ | Supervision $\times A$ | Class: $V \\| \beta$ Science |
| 4th Period | Supervision $X B$ | Supervision $\times A$ | Sience lesson plan |
| 5th Period | Submitted the answer sheets | Submitted the answer sheets | Science lesson plon |
| 6th Period | Class: VIIA Maths | Searched for different ways to conduct online activities | Science lerson plan |
| 7 th Period | Assembly Report (Republic Day) | Went through / Trying out google form | Science lesson plan |
| 8th Period | Assembly Report (Republic Day) | Trying out google stides and Kahoot | Science lesson plan |


NIRMALA INSTITUTE OF EDUCATION
list of activities conducted during internship b.ed. 2019-2021 (Y2) NAME OF THE TEACHER TRAINEE:
NIRMALA INSTITUTE OF EDUCATION
 name of the teacher trainee: Elizabeth Rajan NAME OF THE SCHOOL: Late Shri Vinayak Gopal

|  | THURSDAY Dt: 18-02-204 |  |  |
| :---: | :---: | :---: | :---: |
| 1st Period | Made poster - WWC | class: VIIB Science | went through the video before sending it |
| 2nd Period | Digital Poster - NIE WWC | Sulomitted $3^{\text {rd }}$ formative exam paper (science) to mentor $T r$. | Class: V11 A Maths (Quiz) |
| 3 rd Period | Digital Poster - NIE WWC | Went through the exercise questions - Maths | Class: VIIB Science |
| 4th Period | Class: VIl A Maths | Exercise questions-Maths | Meet the tleadmaster |
| 5th Period | Prepaling $3^{\text {rd }}$ Formative Exam Paper (science)-VII | Exercise questions - Maths | Started preparing for a poster (bulletin board) |
| 6th Period | Exam Paper (Science-VII) | Started writing questions for maths exam paper) | Poster (bulletin board) |
| 7th Period | Exam Paper (Science-VII) | Exam Paper (Maths - VII) | Poster (bulletin board) |
| 8th Period | Exam Paper (science- VII) | Exam Paper (Maths-VII) | Poster (bulletin beard) |

[^0]NIRMALA INSTITUTE OF EDUCATION
OF ACTIVITIES CONDUCTED DURING INTERN NAME OF THE TEACHER TRAINEE: Elizabeth Rajan
NAME OF THE SCHOOL: Late Shri Vinayak Gop
WEDNESDAY DI: $24-02-204$
NAME OF THE TEACHER TRAINEE. ElD
LIST OF ACTIVITIES CONDUCt

NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2) name of the teacher trainee: Elizabeth Rejan
NAME OF THE SCHOOL: Late Shri Vinayak Gopal Shenvi Vidhyalay

|  | THURSDAY Dt: 25-02-202 | FRIDAY Dt: $26-02-2021$ | SATURDAY Dt: 27-02-204 |
| :---: | :---: | :---: | :---: |
| 1 st Period | Prepaned maths exercises | Started prepaling Science TEL lenon (ppt) | Holiday |
| 2nd Period | Prepared maths exercises | Suence TEL Leson (ppt) |  |
| 3rd Period | Prepored maths exercises | Science TEL leson (ppt) |  |
| 4th Period | Converted all the word documents to polfs | Science TEL Lenon (ppt) |  |
| 5th Period | Made the remaining maths ppt | Science TEL lenon(ppt) |  |
| 6th Period | Maths ppt | hent through the maths TEL Leron |  |
| 7th Period | Recorded the video | kent through the maths TEL Lerson |  |
| 8th Period | Recorded the video | Submitted all the rideos 4 exercises to mentor Tr. for expproval |  |


NIRMALA INSTITUTE OF EDUCATION


## name of the teacher trainee: Elizabeth Rajan

NAMEOFTHESCHOOL: Late Shri Vinayate Gopal Shenvi Vidhyalay

|  | MONDAY Dt: $1-3-2021$ | TUESDAY Dt: 2-3-2021 | WEDNESDAY Dt: 3-3-2021 |
| :---: | :---: | :---: | :---: |
| 1st Period | College | Made a to-do list for the week. | College |
| 2nd Period |  | collected the question paper for exam | colleg |
| 3rd Period |  | Supervision : $\sqrt{x} A$ |  |
| 4th Period |  | Supervision: IX $A$ |  |
| Sth Period |  | Submitted the answer sheets |  |
| 6th Period |  | Made the chart <br> - Science Day |  |
| 7 th Period |  | Chart-Science Day | $1$ |
| 8th Period |  | Chant-Science Day |  |


|  | THURSDAY Dt：4－3－2021 | FRIDAY Dt：5－3－2021 | SATURDAY Dt：6－3－2021 |
| :---: | :---: | :---: | :---: |
| 1 st Period | Went through PA assigmment． | Preparing TEL Lesson （maths） | Made changes in the ppt（maths lesson） |
| 2nd Period | Collected the question papers | TEL Lesson（maths） | Made changes in the ppt（maths lesson） |
| 3 rd Period | Supervision：区 $B$ | TEL Lesson（maths） | Practiced CAI Lesson （maths） |
| 4ih Period | Supervision：IX $B$ | TEL Lesson（maths） | Practiced CAI ceson （maths） |
| 5th Period | Submitted the answer sheets | Went through science TEL lesson | Practiced CAI lesson （maths） |
| 6th Period | Chaet－Science Day | Watch a youtube video （light travels in a straight tine） | Read the book ：Popular Scientific Discoveries \＆Inventions |
| 7th Period | Chort－Science Day | Performed the activity （Light travels in a straight line） | Read the book |
| 8th Period | Submitted the chact （science Day） | Performed the activity | Read the book |

vame of the school：Late shri Vinayak Gopal Shenvi Vidhyalay ネロス－$\varepsilon-h$ ：： Hent through PA
assignment． papers sheets
Chaet
（light travels in a straight fina）Scientific Discoveries \＆f Inventions
Performed the activity $R$ ， Read the book
Read the book NIRMALA INSTITUTE OF EDUCATION
Name of the teacher tranee：Elizabeth Rajan
Rawanfond-Navelim

NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)

## name of the teacher trainee: Elizabeth Rajan

NAME OF THE SCHOOL: Late Shri Vinayate GOpal Shenvi Vidhyalay

|  | THURSDAY Dt: $11-03-204$ | FRIDAY Dt: 12-03-2024 | SATURDAY Dt: 13-03-2021 |
| :---: | :---: | :---: | :---: |
| 1st Period | Holday | Class: $7^{\text {th }} \mathrm{A}$ Maths | Exercise (for science) |
| 2nd Period | O | Started preparing ppt (science) | Class: $7^{\text {th }} \mathrm{A}$ Maths |
| 2ndPeriod |  | PPt - Science | Extra questions (science) |
| 3rd Period |  | PPt - Science | Extraquestions (science) |
| 4th Period |  | PPt - Science | Converted - Recorded video 4 ppt into youtube video |
|  |  | Recorded video-Science | Uploaded the videos to youtube |
|  |  | Recorded video-science | Uploaded the videos to youtube |
| 7th Period |  | Exercise (for science lesson) | shared all the videas $\&$ exercises to mentor $T_{r}$. |

NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)
NAME OF THE TEACHER TRAINEE: Elizabeth Rajan
name of the school: Late Shri Vinayak Gopal Shenvi Vidhyalay

|  | MONDAY Dt: $15-03-2021$ | TUESDAY Dt: $16-03-2021$ | WEDNESDAY Dt: $17-03-2021$ |
| :---: | :---: | :---: | :---: |
| 1st Period | Subnirted the daily activity sheets | college | Went through the vides before sending it |
| 2nd Period | Class: VIIB Science | , | Class: VII B Science |
| 3rd Period | Prepared exercises (science) | $1$ | Brainstorm - Peace Education Assignment |
| 4th Period | Prepared exercises (science) |  | $P \in-$ Assignment |
| 5th Period | Prepared exercises (Science) Science Day Poster |  | PE-Assignment |
|  | Discussion with the mentor $T r$. about science portion |  | Read about PE on internet |
| 6th Period | Discursion with the mentor Th maths portion |  | Went through youtube videos (suience) |
|  | wrote down the lesson for the summative exam |  | Youtube videos (science) |

[^1]
 NAME OF THE TEACHER TRAINEE: Elizabeth Rajan

nAME OF THE SCHOOL: late Shri Vinayak Gopal Shenv: Vidhyalay FRIDAY Dt: 19-03~202
NIRMALA INSTITUTE OF EDUCATION

NAME OF THE TEACHER TRAINEE: Elizabeth Rajan
NAME OF THE SCHOOL: Late Shri Vinayak Gopal Shenvi Vidhyalay

|  | MONDAY Dt: 22-3-2021 | TUESDAY Dt: 23-3-2021 | WEDNESDAY Dt: $24-3-2024$ |
| :---: | :---: | :---: | :---: |
| 1st Period | $\operatorname{Colloge}$ | Supervision: $X B$ | Cobleas |
| 2nd Period |  | Supervision : $X B$ |  |
| 3rd Period |  | Supervision : $X B$ |  |
| 4th Period |  | Supervision : $\times B$ |  |
| 5th Period |  | Subnitted the answer sheets |  |
| 6th Period | - | Made the changes in the science question paper |  |
| 7th Period |  | Made changes in the science question paper |  |
| 8ih Period |  | Submitted the file to mentor Tr. |  |

[^2]NOILV.)
1.15T OF ACTINITIES CONDUCTED DURING. INTERNSHIP B.ED. 2019-2021 (Y2)
NAME OF THE TEACHER TRAINEE: Elizabeth Rajan
Late Shri Vinayak Gopal Shenvi Vidhyalay
SATURDAY Dt: $27-3-2021$

|  | THURSDAY Dt: $25-3-2024$ | FRIDAY Dt: 26-3-2024 | SATURDAY Dt: 27-3-2024 |
| :---: | :---: | :---: | :---: |
| 1st Petiod | Supervision X B | Supervision X B | Submitted matles question paper |
| 2nd Period | Supervision $\bar{X} B$ | Supervision X B | Worked on $A R$ project |
| Fid Period | Supervision X B | Submitted the answer sheets | Worked on AR praject |
| 4th Peniod | Supervision X B | Worked on maths question paper | Completed $A R$ project |
| Sth Penod | Submitted the awrwer sheets | Worked on maths question paper | Wrote matus leron plan |
| 6th Period | Went through all the maths lesson | AR (project) | Moths lesson plan |
| - th Period | Wrote down questions (maths) | AR (project) | Morths leron plam |
| 8th Period | Wrote down queations (maths) | $A R$ (project) | Wrote a brieft on VA assignment |

 Elizabeth Rajan
NAME OF THE TE ACHER TRANEE:
NAME OF THE SCHOOL: Late
NIRMALA INSTITUTE OF EDUCATION


## name of the teacher trainee: Elizabeth Rajan

NAME OF THE SCHOOL: Late Shri Vinayak Cropal Shenvi Vidhyaloy

|  | MONDAY Dt: $29-3-2021$ | Wednesday THESintY-Dt: 3-3-2021 | Tuesday WEDNESDAY Dt: $30-3-2021$ |
| :---: | :---: | :---: | :---: |
| 1st Period | Holiday | Subniitted the doily activity sheets | Supervision X B |
| 2nd Period |  | Discussed about the Science question paper | Supervision $X B$ |
| 3rd Period |  | Made changes in the science question paper | Supervision X B |
| 4th Period |  | Changes in science queation paper | Supervision X B |
| 5th Period |  | Read on peace edrcation | Submitted the answer sheets |
| 6th Period |  | Read on PE | Subnütked the maths lesson plan |
| 7th Period |  | Read on $P \in$ | went through all the feedbacks |
| 8th Period |  | Read on PE | went through all the feedbacks |

[^3]NIRMALA INSTITUTE OF EDUCATION
List of activities conducted during internship b. ed. 2019-2021 (Y2)
name of the teacher trainee: Elizabeth Raja
name of the school: Late Sheri Vinayak Gopal Shenvi Vidhyalay



## NIRMALA INSTITUTE OF EDUCATION

LIST OF ACTIVITIES CONDUCTED DIRING INTERNSHIPBED. 2019-2021 (Y2)
name of the teacher tranee: Elizabeth Rajan $\qquad$
name or theschool: Late Shri Vinayak Gopal Shenvi Vidhyalay



HEADMASTER
Late 2tri Vnayak Gopal Shenvi Vidyalaya
Rawanford- Navelim

NIRMALA INSTITUTE OF EDUCATION
CONDUCTED DURING INTERNSHIP BED. 2010 - 2021
NAME OF THE TEACHER TRAINEE: Elizabeth Rajan
Name of the school: Late Shri Vinayak
LIST OF ACTIVITIES CONDU
NiRMALA institute of education
LISI OF ICTINITIES CONDUCTED DURINGINTERNSHIPBED. 2019 2021()2)
Name of the teacher trainee: Elizabett Rajan
NAIE OF THESCHOOL: Late Shri V nayak Gopal Shem: Vidhyalay

|  |  | TLESDAI Dt: 19 - 1 -2021 | WEDNESDAY Dt: 20.02 |
| :---: | :---: | :---: | :---: |
| 1 l Period | Submitted the list of activities conducted | Started coriting lessen plan(Shence) | Staried prepaing the maths Test pope. |
| 2nd Period | went through the science video | hesson plan (Science) | Prepoung Maths test Paper |
| 3rd Period | Class: $7^{\text {th }} \mathrm{B}$ Science | leston plan (science) | Prepacing - Maths Test Paper |
| 4th Period | Sturted preparing for the bulletin boand (Republic Oray) | Stcoted warting on the bulletin boovd (chart) | Started prepacing the Science Test pope. |
| 5 th Penod | Proparing - bulletin board (chait) | Bu(letin board (chout) | Prepacing. Sixnce Test Paper |
| 6th Peniod | Preparing - bulletin baard (chout) | Bulletin boo.d (chat) | Prepaung Sceuce lest Paper |
| 7th Period | Preparing bulletin board (chait) | Bulletin boand (chout) | Andwee key por Mathe : Suence - Test Papers |
| 8 th Period | Bulletm boord | Bulletn board | Wlent through the answer $k \in y$ |

## NAME OF THE TEACHER TRAINEE: Elizabeth Rajan

NAME OF THE SCHOOL: Late Shri Vinayak Gopal Thenvi Vidhyalacy

|  | THURSDAY Dt: 21-01-2021 | FRIDAY Dt: 22-01-2021 | SATURDAY Dt: $23-01-2021$ |
| :---: | :---: | :---: | :---: |
| 1st Period | Shared the Yura Jagruti 2021 (postur 4 pdf) in the group | Class: $7^{\text {th }} B$ Science | Supervision : $1 \times B$ (offlime exam) |
| 2nd Period | Submitted 5 lesson plans with evaluation sheets (science) | Started prepaling for the next suence leson (soil) | Supervision: $1 \times B$ |
| 3rd Period | Started curiting lesson plan (Maths) | Prepared ppt (Science lenon) | Supervision $1 \times B$ |
| 4th Period - | Leless on plan (Maths) | PPt (8cience lesson) | Supervision : $1 \times B$ |
| 5 th Period | lesson plan (Maths) | Recorded (Science lenon) | Subnitted the answer paper |
| 6th Period | Lerson plan (Maths) | Recorded (Science lerson) | Prepared backdrop for Repubtic Dou (Ashoka chakra) |
| 7th Period | Made an e-poster (Republic Day) | Converted ppt with audio into videos | Prepared backdrop for Republic Doy (Ashoka Chakra |
| 8th Period | E-poster | Prepared the videos | Backdrop (Ashoka Chakra) |


Signature of the Headmaster/Headmistress:
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)
name of the teacher trainee: Elizabeth Rajan name of the school: Late Shrí Vinayak
$(4)$ NIRMALA INSTITUTE OF EDUCATION

| NAME OF THE SCHOOL: Late Shri Vinayak Gopal Shenvi Vidhyalay$\qquad$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | MONDAY Dt: 25-1-2021 |  | TUESDAY Dt: $26-1-2021$ | 21 WEDNESDAY Dt: 27-1-2022 |
| 1st Period | Supervision $1 \times A$ | $R$ |  | supervision $1 \times A$ |
| 2nd Period | Supervision $1 \times A$ | $E$ |  | Supovision $i \times A$ |
| 3 rd Period | Supervision $i \times A$ | $p$ | D | Supervision IXA |
| 4th Period | Supervision $1 \times A$ | $U$ | $A$ | Supervision $i \times A$ |
| 5th Period | Submitted the answer sheets | $B$ | 4 | Submitted the answer sheets |
| 6th Period | Set up of the bulletin board | $L$ |  | collected all the Rexpublic Doy pictures |
| 7th Period | set up of the bullefin boond | I |  | Submitted last week's daily acfirities sheet |
| 8 th Period | clicked pictures of the bulletin board | C |  | Started writing the report or Republic Day |

NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019 - 2021 (Y2)
Elizabeth Rajan
NAME OF THE TEACHER TRAINEE:

| NAME OF THE SCHOOL: <br> Elizabeth Rajan <br> MONDAY Dt: 01-2-2021 Late Shri Vinayak Gopal Shenvi Vidhyalay |  |  |  |
| :---: | :---: | :---: | :---: |
| 1st Period | Filledup last week's daily activity form | Supervision $1 \times A$ <br> TUESDAY Dt: 02-2-2021 | WEDNESDAY Dt: 03-2-2021 sending it (maths) Went through the video before |
| 2nd Period | submitted the daily activity forme | Supervision $1 \times A$ | Class: VIIA Maths |
| 3rd Period | Wrote down maths lesson (rough) | Supervision $1 \times \mathrm{A}$ | Started prepouing for next mathis lesson |
| 4th Period | Maths (lesson) | Supervision $1 \times A$ | Ppt (maths) |
| 5th Period | Maths (leson) | Submitted the auswer sheets | PPt (maths) |
| 6th Period | Read a book | Gave chocolates to all the staffs | Reording (mathes) |
| 7th Period | Read a book | Met all the teaching and non-teaching staffs (geave chocolates) | Recording the video (maths leson) |
| 8 8th Period | Read a book | Met the teachers | Prepared maths videos |
| Signature o | he Headmaster/Headmistress: | Navelifn |  |

NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)
Name of the teacher trainee: Elizabeth Rajan
NAME OF THE SCHOOL: Late Sh

|  | THURSDAY Dt: 04 -2-2021 | FRIDAY Dt: 05-2-2021 | SATURDAY Dt: 06-2-2021 |
| :---: | :---: | :---: | :---: |
| 1st Period | klent through the list (things to do) | Class : VIIB <br> Science (All notes) | Maths lesson ( $p$ pt + recording) |
| 2nd Period | Collected the question papers (for exam) | Collected the question papus (for exam) | Maths lesson (ppt+eecording) |
| 3rd Period | supervision $X B$ | Supervision $\times B$ | class : VII $\beta$ science (Quiz) |
| 4th Period | Supervision $\times B$ | Submitted the answer sheets | Prepared maths ppt |
| 5th Period | Submitted the answer shects | went through the science quiz | Prepared maths ppt |
| 6th Period | Went through the science notes | Played the science quiz (created on Quizizz.com) | went through youtube for certain maths content |
| 7th Period | Went through the science notes | shaved the quir with my classmates. | Went through youtube for eertain maths content |
| 8th Period | Went through the science notes | Asked my clarsmates, how is the quiz prepared. | Wert through youtube for cetain maths content. |


LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)

## Name of the teacher trainee: Elizabeth Pajan

NAME OF THE SCHOOL: Late Shri Vinayak

LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)

## NAME OF THE TEACHER TRAINEE: Elizabeth Rojan

name of the school: Late Shri Vinayak Gopal Shenvi Vidhyalay

|  | THURSDAY Dt: 11-02-2024 | FRIDAY Dt: 12-02-2021 | SATURDAY Dt:13-02-2021 |
| :---: | :---: | :---: | :---: |
| Ist Period | Went through the project (VA) | Class: VIIB Science | Went through the videos for before sending it |
| 2nd Period | collected the question papers (for exam) | collected the question papers (for exam) | Class: VII A Maths |
| 3rd Period | Supervision $X B$ | Supervision $\times A$ | Class: $V \\| \beta$ Science |
| 4th Period | Supervision $X B$ | Supervision $\times A$ | Sience lesson plan |
| 5th Period | Submitted the answer sheets | Submitted the answer sheets | Science lesson plon |
| 6th Period | Class: VIIA Maths | Searched for different ways to conduct online activities | Science lerson plan |
| 7 th Period | Assembly Report (Republic Day) | Went through / Trying out google form | Science lesson plan |
| 8th Period | Assembly Report (Republic Day) | Trying out google stides and Kahoot | Science lesson plan |


NIRMALA INSTITUTE OF EDUCATION
list of activities conducted during internship b.ed. 2019-2021 (Y2) NAME OF THE TEACHER TRAINEE:
NIRMALA INSTITUTE OF EDUCATION
 name of the teacher trainee: Elizabeth Rajan NAME OF THE SCHOOL: Late Shri Vinayak Gopal

|  | THURSDAY Dt: 18-02-204 |  |  |
| :---: | :---: | :---: | :---: |
| 1st Period | Made poster - WWC | class: VIIB Science | went through the video before sending it |
| 2nd Period | Digital Poster - NIE WWC | Sulomitted $3^{\text {rd }}$ formative exam paper (science) to mentor $T r$. | Class: V11 A Maths (Quiz) |
| 3 rd Period | Digital Poster - NIE WWC | Went through the exercise questions - Maths | Class: VIIB Science |
| 4th Period | Class: VIl A Maths | Exercise questions-Maths | Meet the tleadmaster |
| 5th Period | Prepaling $3^{\text {rd }}$ Formative Exam Paper (science)-VII | Exercise questions - Maths | Started preparing for a poster (bulletin board) |
| 6th Period | Exam Paper (Science-VII) | Started writing questions for maths exam paper) | Poster (bulletin board) |
| 7th Period | Exam Paper (Science-VII) | Exam Paper (Maths - VII) | Poster (bulletin board) |
| 8th Period | Exam Paper (science- VII) | Exam Paper (Maths-VII) | Poster (bulletin beard) |

[^4]NIRMALA INSTITUTE OF EDUCATION
OF ACTIVITIES CONDUCTED DURING INTERN NAME OF THE TEACHER TRAINEE: Elizabeth Rajan
NAME OF THE SCHOOL: Late Shri Vinayak Gop
WEDNESDAY DI: $24-02-204$
NAME OF THE TEACHER TRAINEE. ElD
LIST OF ACTIVITIES CONDUCt

NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2) name of the teacher trainee: Elizabeth Rejan
NAME OF THE SCHOOL: Late Shri Vinayak Gopal Shenvi Vidhyalay

|  | THURSDAY Dt: 25-02-202 | FRIDAY Dt: $26-02-2021$ | SATURDAY Dt: 27-02-204 |
| :---: | :---: | :---: | :---: |
| 1 st Period | Prepaned maths exercises | Started prepaling Science TEL lenon (ppt) | Holiday |
| 2nd Period | Prepared maths exercises | Suence TEL Leson (ppt) |  |
| 3rd Period | Prepored maths exercises | Science TEL leson (ppt) |  |
| 4th Period | Converted all the word documents to polfs | Science TEL Lenon (ppt) |  |
| 5th Period | Made the remaining maths ppt | Science TEL lenon(ppt) |  |
| 6th Period | Maths ppt | hent through the maths TEL Leron |  |
| 7th Period | Recorded the video | kent through the maths TEL Lerson |  |
| 8th Period | Recorded the video | Submitted all the rideos 4 exercises to mentor Tr. for expproval |  |


NIRMALA INSTITUTE OF EDUCATION


## name of the teacher trainee: Elizabeth Rajan

NAMEOFTHESCHOOL: Late Shri Vinayate Gopal Shenvi Vidhyalay

|  | MONDAY Dt: $1-3-2021$ | TUESDAY Dt: 2-3-2021 | WEDNESDAY Dt: 3-3-2021 |
| :---: | :---: | :---: | :---: |
| 1st Period | College | Made a to-do list for the week. | College |
| 2nd Period |  | collected the question paper for exam | colleg |
| 3rd Period |  | Supervision : $\sqrt{x} A$ |  |
| 4th Period |  | Supervision: IX $A$ |  |
| Sth Period |  | Submitted the answer sheets |  |
| 6th Period |  | Made the chart <br> - Science Day |  |
| 7 th Period |  | Chart-Science Day | $1$ |
| 8th Period |  | Chant-Science Day |  |


|  | THURSDAY Dt：4－3－2021 | FRIDAY Dt：5－3－2021 | SATURDAY Dt：6－3－2021 |
| :---: | :---: | :---: | :---: |
| 1 st Period | Went through PA assigmment． | Preparing TEL Lesson （maths） | Made changes in the ppt（maths lesson） |
| 2nd Period | Collected the question papers | TEL Lesson（maths） | Made changes in the ppt（maths lesson） |
| 3 rd Period | Supervision：区 $B$ | TEL Lesson（maths） | Practiced CAI Lesson （maths） |
| 4ih Period | Supervision：IX $B$ | TEL Lesson（maths） | Practiced CAI ceson （maths） |
| 5th Period | Submitted the answer sheets | Went through science TEL lesson | Practiced CAI lesson （maths） |
| 6th Period | Chaet－Science Day | Watch a youtube video （light travels in a straight tine） | Read the book ：Popular Scientific Discoveries \＆Inventions |
| 7th Period | Chort－Science Day | Performed the activity （Light travels in a straight line） | Read the book |
| 8th Period | Submitted the chact （science Day） | Performed the activity | Read the book |

vame of the school：Late shri Vinayak Gopal Shenvi Vidhyalay ネロス－$\varepsilon-h$ ：： Hent through PA
assignment． papers sheets
Chaet
（light travels in a straight fina）Scientific Discoveries \＆f Inventions
Performed the activity $R$ ， Read the book
Read the book NIRMALA INSTITUTE OF EDUCATION
Name of the teacher tranee：Elizabeth Rajan
Rawanfond-Navelim

NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)

## name of the teacher trainee: Elizabeth Rajan

NAME OF THE SCHOOL: Late Shri Vinayate GOpal Shenvi Vidhyalay

|  | THURSDAY Dt: $11-03-204$ | FRIDAY Dt: 12-03-2024 | SATURDAY Dt: 13-03-2021 |
| :---: | :---: | :---: | :---: |
| 1st Period | Holday | Class: $7^{\text {th }} \mathrm{A}$ Maths | Exercise (for science) |
| 2nd Period | O | Started preparing ppt (science) | Class: $7^{\text {th }} \mathrm{A}$ Maths |
| 2ndPeriod |  | PPt - Science | Extra questions (science) |
| 3rd Period |  | PPt - Science | Extraquestions (science) |
| 4th Period |  | PPt - Science | Converted - Recorded video 4 ppt into youtube video |
|  |  | Recorded video-Science | Uploaded the videos to youtube |
|  |  | Recorded video-science | Uploaded the videos to youtube |
| 7th Period |  | Exercise (for science lesson) | shared all the videas $\&$ exercises to mentor $T_{r}$. |

NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)
NAME OF THE TEACHER TRAINEE: Elizabeth Rajan
name of the school: Late Shri Vinayak Gopal Shenvi Vidhyalay

|  | MONDAY Dt: $15-03-2021$ | TUESDAY Dt: $16-03-2021$ | WEDNESDAY Dt: $17-03-2021$ |
| :---: | :---: | :---: | :---: |
| 1st Period | Subnirted the daily activity sheets | college | Went through the vides before sending it |
| 2nd Period | Class: VIIB Science | , | Class: VII B Science |
| 3rd Period | Prepared exercises (science) | $1$ | Brainstorm - Peace Education Assignment |
| 4th Period | Prepared exercises (science) |  | $P \in-$ Assignment |
| 5th Period | Prepared exercises (Science) Science Day Poster |  | PE-Assignment |
|  | Discussion with the mentor $T r$. about science portion |  | Read about PE on internet |
| 6th Period | Discursion with the mentor Th maths portion |  | Went through youtube videos (suience) |
|  | wrote down the lesson for the summative exam |  | Youtube videos (science) |

[^5]
 NAME OF THE TEACHER TRAINEE: Elizabeth Rajan

nAME OF THE SCHOOL: late Shri Vinayak Gopal Shenv: Vidhyalay FRIDAY Dt: 19-03~202
NIRMALA INSTITUTE OF EDUCATION

NAME OF THE TEACHER TRAINEE: Elizabeth Rajan
NAME OF THE SCHOOL: Late Shri Vinayak Gopal Shenvi Vidhyalay

|  | MONDAY Dt: 22-3-2021 | TUESDAY Dt: 23-3-2021 | WEDNESDAY Dt: $24-3-2024$ |
| :---: | :---: | :---: | :---: |
| 1st Period | $\operatorname{Colloge}$ | Supervision: $X B$ | Cobleas |
| 2nd Period |  | Supervision : $X B$ |  |
| 3rd Period |  | Supervision : $X B$ |  |
| 4th Period |  | Supervision : $\times B$ |  |
| 5th Period |  | Subnitted the answer sheets |  |
| 6th Period | - | Made the changes in the science question paper |  |
| 7th Period |  | Made changes in the science question paper |  |
| 8ih Period |  | Submitted the file to mentor Tr. |  |

[^6]NOILV.)
1.15T OF ACTINITIES CONDUCTED DURING. INTERNSHIP B.ED. 2019-2021 (Y2)
NAME OF THE TEACHER TRAINEE: Elizabeth Rajan
Late Shri Vinayak Gopal Shenvi Vidhyalay
SATURDAY Dt: $27-3-2021$

|  | THURSDAY Dt: $25-3-2024$ | FRIDAY Dt: 26-3-2024 | SATURDAY Dt: 27-3-2024 |
| :---: | :---: | :---: | :---: |
| 1st Petiod | Supervision X B | Supervision X B | Submitted matles question paper |
| 2nd Period | Supervision $\bar{X} B$ | Supervision X B | Worked on $A R$ project |
| Fid Period | Supervision X B | Submitted the answer sheets | Worked on AR praject |
| 4th Peniod | Supervision X B | Worked on maths question paper | Completed $A R$ project |
| Sth Penod | Submitted the awrwer sheets | Worked on maths question paper | Wrote matus leron plan |
| 6th Period | Went through all the maths lesson | AR (project) | Moths lesson plan |
| - th Period | Wrote down questions (maths) | AR (project) | Morths leron plam |
| 8th Period | Wrote down queations (maths) | $A R$ (project) | Wrote a brieft on VA assignment |

 Elizabeth Rajan
NAME OF THE TE ACHER TRANEE:
NAME OF THE SCHOOL: Late
NIRMALA INSTITUTE OF EDUCATION


## name of the teacher trainee: Elizabeth Rajan

NAME OF THE SCHOOL: Late Shri Vinayak Cropal Shenvi Vidhyaloy

|  | MONDAY Dt: $29-3-2021$ | Wednesday THESintY-Dt: 3-3-2021 | Tuesday WEDNESDAY Dt: $30-3-2021$ |
| :---: | :---: | :---: | :---: |
| 1st Period | Holiday | Subniitted the doily activity sheets | Supervision X B |
| 2nd Period |  | Discussed about the Science question paper | Supervision $X B$ |
| 3rd Period |  | Made changes in the science question paper | Supervision X B |
| 4th Period |  | Changes in science queation paper | Supervision X B |
| 5th Period |  | Read on peace edrcation | Submitted the answer sheets |
| 6th Period |  | Read on PE | Subnütked the maths lesson plan |
| 7th Period |  | Read on $P \in$ | went through all the feedbacks |
| 8th Period |  | Read on PE | went through all the feedbacks |

[^7]|  | Wrote VA Report | FRIDAY Dt:02-04-2021 | SATURDAY Dt: $03-04-203$ |
| :---: | :---: | :---: | :---: |
| 1st Period |  | Holiday | Wrote WWC report |
| 2nd Period | Wrote VA report |  | Wrote WWC report |
| 3rd Period | Wrote VA report |  | Wrote WWC report |
| 4th Period | Wrote VA report |  | Submitted the rep ort |
| 5th Period | Preparing PE assignment | $1$ | Collected pictures ( $P E$ ) |
| 6th Period | $P E$ assignment |  | Went through pictures for PE poster |
| 7th Period | $P E$ (peace education) assignment |  | PE poster |
| 8th Period | PE assignment |  | PE poster |





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## NIRMALA INSTITUTE OF EDUCATION


name of the teacher trainee: Elizabeth Rajau
NAME OF THE SCHOOL: Late Shri Vinayak Gopal Shenvi Vidhyalay

|  | MONDAY Dt: $12-4-2021$ | TUESDAY Dt: $3-4-204$ | WEDNESDAY Dt: $14-4-2021$ |
| :---: | :---: | :---: | :---: |
| 1st Period | (Took off) | Holiday | Holiday |
| 2nd Period |  |  |  |
| 3rd Period |  |  |  |
| 4th Period |  |  | $1$ |
| 5th Period |  |  |  |
| 6th Period |  |  |  |
| 7th Period |  |  |  |
| 8th Period |  |  |  |

[^8]
Internshis file
nirmala institute of education
LIST OF activities conducted during internship b.ed. 2019-2021 (Y2)
NAME OF THE TEACHER TRAINEE: Elizabeth Rajan
NAME OF THE SCHOOL: Late Shri Vinayak Gopal Sheavi Vidhyalay

|  | , | 1 ( |  |
| :---: | :---: | :---: | :---: |
|  | THURSDAY Dt: $15-4-204$ | FRIDAY Dt: $16-4-202$ | SATURDAY Dt: $17-4-2021$ |
| 1st Period | collected the question papers | collected the question papers | kforked on Internshp file |
| 2nd Period | Supervision <br> IX | Supervision $1 \times$ | Internship file |
| 3rd Period | supervision $1 \times$ | $\begin{gathered} \text { Supervision } \\ 1 \times \end{gathered}$ | Internstip file |
| 4th Period | Supervisien $1 X$ | Supervision | Internship fíle |
|  | Supervision $1 \times$ | Supervision $1 \times$ | Read IE notes |
| 6th Period | Subnitted the answer sheets | Submitted the answer - sheets | Read IE notes |
| 7th Period | Subnit tod the dably activities sheets | Korked on Internship file | It motes |
| 8th Period | Subwitted PE assignment | Internship file | It notes |

Signature of the Headmaster/Headmistress: Late ghin Vnayak Gopal Shenvi Vhdyalaya

|  | MONDAY Dt: 19-4-2021 | TUESDAY Dt: $20-4-2024$ | WEDNESDAY Dt: $21-4-2034$ |
| :---: | :---: | :---: | :---: |
| 1st Period | Submitted the daily activities sheets | Combined all the S. 4 . notes | Wrote down all the activities done |
| 2nd Period | Gave mentor Tr. attendance form and individual report | 5.4 notes | Activities done (report) |
| 3 rd Period | Subnitted the questionaire on the evaluation of the internship | combined all S. 4 . notes | Activities done (report) |
| 4th Period | collected all the forms | Went through all the folders, (checkelif I had all notes) | Activities done (report). |
| 5th Period | Requested Principal for a "Letter of Appreciation" | checked if I had all notes | Activities dopase (report) |
| 6th Period | Went through all the forms | Checked if I had all notes | Wrote reflection (Internship file) |
| 7th Period | klent through all the forms | Asked for IE notes | Reflection (Internship file) |
| 8th Period | Head down | Asked for old question papers | Reflection (Internship file) |


NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)

## name of the teacher trainee: Elizabeth Rajan

## NAME OF THE SCHOOL: Late

|  | THURSDAY Dt: 22-04-2021 | FRIDAY Dt: 23-04-204 | SATURDAY Dt: 24-04-2021 |
| :---: | :---: | :---: | :---: |
| 1st Period | Mlorked on the internship file | Answer key-Summative Exam Maths | Went through old question papers |
| 2nd Period | Internship file (suggestions) | Answer key (Maths) | went through old question papers |
| 3rd Period | Internship file (suggestions) | Answer key (maths) | Read IE notes |
| 4th Period | Answer key - Formative exam Mathe | Answer key-Summative Exam Science | Read IE notes |
| 5th Period | Answer key | Answer key (science) | Read IE notes |
| 6th Period | Answer key | Answer key (science) | Filled up the derily ackvity sheets |
| 7th Period | Answer key - Formative exam Science | checked all the answer keys | collected the letter |
| 8th Period | Answer key | Head down | Submitted the daily activities sheets |



|  | Wrote VA Report | FRIDAY Dt:02-04-2021 | SATURDAY Dt: $03-04-203$ |
| :---: | :---: | :---: | :---: |
| 1st Period |  | Holiday | Wrote WWC report |
| 2nd Period | Wrote VA report |  | Wrote WWC report |
| 3rd Period | Wrote VA report |  | Wrote WWC report |
| 4th Period | Wrote VA report |  | Submitted the rep ort |
| 5th Period | Preparing PE assignment | $1$ | Collected pictures ( $P E$ ) |
| 6th Period | $P E$ assignment |  | Went through pictures for PE poster |
| 7th Period | $P E$ (peace education) assignment |  | PE poster |
| 8th Period | PE assignment |  | PE poster |





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## NIRMALA INSTITUTE OF EDUCATION


name of the teacher trainee: Elizabeth Rajau
NAME OF THE SCHOOL: Late Shri Vinayak Gopal Shenvi Vidhyalay

|  | MONDAY Dt: $12-4-2021$ | TUESDAY Dt: $3-4-204$ | WEDNESDAY Dt: $14-4-2021$ |
| :---: | :---: | :---: | :---: |
| 1st Period | (Took off) | Holiday | Holiday |
| 2nd Period |  |  |  |
| 3rd Period |  |  |  |
| 4th Period |  |  | $1$ |
| 5th Period |  |  |  |
| 6th Period |  |  |  |
| 7th Period |  |  |  |
| 8th Period |  |  |  |

[^9]
Internshis file
nirmala institute of education
LIST OF activities conducted during internship b.ed. 2019-2021 (Y2)
NAME OF THE TEACHER TRAINEE: Elizabeth Rajan
NAME OF THE SCHOOL: Late Shri Vinayak Gopal Sheavi Vidhyalay

|  | , | 1 ( |  |
| :---: | :---: | :---: | :---: |
|  | THURSDAY Dt: $15-4-204$ | FRIDAY Dt: $16-4-202$ | SATURDAY Dt: $17-4-2021$ |
| 1st Period | collected the question papers | collected the question papers | kforked on Internshp file |
| 2nd Period | Supervision <br> IX | Supervision $1 \times$ | Internship file |
| 3rd Period | supervision $1 \times$ | $\begin{gathered} \text { Supervision } \\ 1 \times \end{gathered}$ | Internstip file |
| 4th Period | Supervisien $1 X$ | Supervision | Internship fíle |
|  | Supervision $1 \times$ | Supervision $1 \times$ | Read IE notes |
| 6th Period | Subnitted the answer sheets | Submitted the answer - sheets | Read IE notes |
| 7th Period | Subnit tod the dably activities sheets | Korked on Internship file | It motes |
| 8th Period | Subwitted PE assignment | Internship file | It notes |

Signature of the Headmaster/Headmistress: Late ghin Vnayak Gopal Shenvi Vhdyalaya

|  | MONDAY Dt: 19-4-2021 | TUESDAY Dt: $20-4-2024$ | WEDNESDAY Dt: $21-4-2034$ |
| :---: | :---: | :---: | :---: |
| 1st Period | Submitted the daily activities sheets | Combined all the S. 4 . notes | Wrote down all the activities done |
| 2nd Period | Gave mentor Tr. attendance form and individual report | 5.4 notes | Activities done (report) |
| 3 rd Period | Subnitted the questionaire on the evaluation of the internship | combined all S. 4 . notes | Activities done (report) |
| 4th Period | collected all the forms | Went through all the folders, (checkelif I had all notes) | Activities done (report). |
| 5th Period | Requested Principal for a "Letter of Appreciation" | checked if I had all notes | Activities dopase (report) |
| 6th Period | Went through all the forms | Checked if I had all notes | Wrote reflection (Internship file) |
| 7th Period | klent through all the forms | Asked for IE notes | Reflection (Internship file) |
| 8th Period | Head down | Asked for old question papers | Reflection (Internship file) |


NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP B.ED. 2019-2021 (Y2)

## name of the teacher trainee: Elizabeth Rajan

## NAME OF THE SCHOOL: Late

|  | THURSDAY Dt: 22-04-2021 | FRIDAY Dt: 23-04-204 | SATURDAY Dt: 24-04-2021 |
| :---: | :---: | :---: | :---: |
| 1st Period | Mlorked on the internship file | Answer key-Summative Exam Maths | Went through old question papers |
| 2nd Period | Internship file (suggestions) | Answer key (Maths) | went through old question papers |
| 3rd Period | Internship file (suggestions) | Answer key (maths) | Read IE notes |
| 4th Period | Answer key - Formative exam Mathe | Answer key-Summative Exam Science | Read IE notes |
| 5th Period | Answer key | Answer key (science) | Read IE notes |
| 6th Period | Answer key | Answer key (science) | Filled up the derily ackvity sheets |
| 7th Period | Answer key - Formative exam Science | checked all the answer keys | collected the letter |
| 8th Period | Answer key | Head down | Submitted the daily activities sheets |



# INTERNSHIP FILE 

 MISS ENIDA FERNANDESTEACHER TRAINEE,
ROLL NO. 45

S.Y.B.ED. (2020-2021), NIRMALA INSTITUTE OF EDUCATION<br>ALTINHO - PANAJI.

CONTENTS

| $\mathbf{0 1}$ | Acknowledgement |
| :--- | :--- |
| $\mathbf{0 2}$ | Attendance sheets |
| $\mathbf{0 3}$ | Daily Reports |
| $\mathbf{0 4}$ | Substitution Activities |
| $\mathbf{0 5}$ | Reports of Co-curricular <br> activities |
| $\mathbf{0 6}$ | Test blueprints |
| $\mathbf{0 7}$ | Individual Report |
| $\mathbf{0 8}$ | Reflection and suggestions |

## ACKNOWLEDGEMENT

" Gratitude will shift you to a higher frequency and you will attract much more better things."

- Rhonda Byrne

The internship tenure has truly been a great experience for me. For this, I am forever grateful to a number of people. Firstly, I thank Dr. Delia Antão, Officiating Principal of NIE, for giving me this wonderful opportunity. I thank the Science Method Master, Mrs. Pratiksha Shirodkar and the Mathematics Method Master Mrs. Ximena Fonseca for their guidance and support.

I am grateful to Rev. Fr. Jerry Vaz, Headmaster of Guardian Angel High School, Curchorem, for his constant motivation and support. My sincere appreciation towards Mrs. Ruth Mendes, our mentor at GAHS for her guidance, support and suggestions throughout the course. A big thanks to my fellow interns for their co-operation and collaboration.

- Miss Enida M. Fernandes


## ACTIVITIES

## 1. SCIENCE ACTIVITIES

### 1.1 Elements of the Earth - Word finder puzzle

 OBJECTIVES: To memorise names of at least 10 elements from the list.MATERIALS REQUIRED: Worksheet and pencil. PROCEDURE:

1. A list of 40 elements is given.
2. The students have to identify the words in the puzzle.
3. The words can be vertically, horizontally or diagonally placed.

### 1.2 Blind Hand

OBJECTIVE: To memorise the steps in the process of wool making.
MATERIALS REQUIRED: An envelope containing slips on which each step is written.

## PROCEDURE:

1. The class is divided into groups.
2. Each group chooses a leader.
3. The envelope is handed over to the leader of each team.
4. The leader opens the envelope and distributes the slips face down to each member.
5. Every member reads out the step on their respective slip to themselves.
6. The steps are then read aloud in the group.
7. The member having step 1 places his/her slip down first. The others follow sequentially.
8. Thus, the entire process is covered up.
9. The team leader then reads the process. This step helps in revision.

### 1.3 Science Quiz

OBJECTIVE: To recollect information quickly.
MATERIALS REQUIRED: Science textbook, chalk, chalkboard and timer.

## PROCEDURE:

1. The class is divided into teams
2. Each team is asked a question.
3. If answered correctly, before the time limit, the team gains a point.
4. If the team is unable to answer, then the question is passed on to the next team.

### 1.4 Question and Answer Matchup

OBJECTIVE: To recollect content learnt.
MATERIALS REQUIRED: Cards of 2 different colours.

## PROCEDURE:

1. Create a set of questions based on science topics.
2. Each question is written on a separate card and each answer is written on a separate card. Answer cards could be pink and question cards could be green.
3. Randomly distribute the question and answer cards among the students and give them a few minutes to read their cards.
4. Allow the students to mingle as they match-up with their correct question and answer.
5. Once they match- up they should stand with their partner along the perimeter of the room.
6. After every student have matched up, they read aloud the question and the matching answer to the group. If the group feels that the match is incorrect, then the students can do a little reshuffling to find a better fit.

### 1.5 Science Word Scramble

OBJECTIVE: To identify the scientific word.
MATERIALS REQUIRED: Scientific terms written on slips. PROCEDURE:

1. Pick/choose terms from the science textbook.
2. Write down the term correctly on a paper.
3. Then jumble the letters and write the word on a slip.
4. Divide the class into teams.
5. Allow a member from the team to pick a slip randomly. Write the jumbled word on the chalkboard.
6. The team gets a limited time, for example, 2 minutes, to unscramble and guess the correct word.
7. Guessing the word before the time limit gains the team a point.

### 1.6 DIY Paper Bags

OBJECTIVE: To use paper bags as an eco-friendly alternative to plastic bags.

MATERIALS REQUIRED: Newspaper, ribbon/thread, scissors and glue.

## PROCEDURE:

1. Fold a page of the newspaper into half. Glue the inner side.
2. Place the paper on a flat surface.
3. Locate the center points of the top and bottom edges.
4. Mark these points using a pencil and then join the points.
5. Bring the right side of the paper to the center pencil line and fold.
6. Bring the left side of the paper a little over the center so that it overlaps the right edge.
7. Glue the edges.
8. Fold the side- creases inward to create a slight accordion effect.
9. Fold the bottom of the bag 4 inches up and crease along this line.
10. Holding the side that is faced down firmly, pop open the bottom. This creates a pocket.
11. Now glue the bottom edges together.
12. On the open end, cut two circles on each side.
13. Insert a thread or a ribbon as handles and you're good to go.

### 1.7 Chlorophyll Paintings

OBJECTIVE: To integrate art and science as students learn about photosynthesis.
MATERIALS REQUIRED: 10-15 fresh leaves, white sheet of paper, metal spoon

## PROCEDURE:

1. Draw an outline of a tree.
2. Moisten the leaves, scrunch and ball them up.
3. Use the balled up leaves to paint the canopy of the tree.

### 1.8 Popsicle catapult

OBJECTIVE: To explain laws of motion.
MATERIALS REQUIRED: Ice-cream sticks (10), rubber bands, glue drops, bottle cap, paper balls(about the size that fit into the cap)

## PROCEDURE:

1. Make a stack of 7 ice-cream sticks and use rubber bands to tie them together on both ends.
2. Make a stack of 2 ice-cream sticks and use a rubber band to tie them together on one end only.
3. Pull the 2 ice-cream sticks apart and wedge the stack of 7 sticks between them.
4. Use glue drops and secure the bottle cap to the far end of the upper stick.
5. Place the paper ball into the cap.
6. Hold the catapult with one hand and use the other hand to push down the cap.
7. Release the cap and watch the ball fly.

### 1.9 Essay on ' My Invention’

OBJECTIVE: To instil a scientific approach.
MATERIALS REQUIRED: Paper and pen.

## PROCEDURE:

Ask students to write about their imaginary scientific discovery/invention and how it would help the world.

### 1.10 Science Charades

OBJECTIVE: To help spatial learners understand science using gestures.

MATERIALS REQUIRED: Slips containing scientific terms.

## PROCEDURE:

1. Divide the group into teams of equal size. Appoint a timekeeper.
2. A player from team 1 draws a slip and reads it.
3. The timekeeper then notes the time and tells the player to start.
4. The plays acts out the word or recites close hints to the word.
5. Team 1 then has three minutes to guess the word. If guessed within the given time limit, the team gains a point.
6. Equal chances are given to each team and the final scores are tallied.

## ACTIVITIES

## 2. MATHEMATICS ACTIVITIES

### 2.1 Multiples of Eight

OBJECTIVE: To practice multiples.
MATERIALS REQUIRED: Players.

## PROCEDURE:

1. Student 1 begins by saying the number 1 aloud, student 2 will say number 2 , the next student in line will say the number 3 and so on.
2. However, the student who has to utter any multiple of 8 should keep mum and clap. Failure to do so, results in elimination.
3. The pace of the game is fastened to make it challenging.

### 2.2 Geometry Drawing

OBJECTIVE: To draw a relation between math and nature.
MATERIALS REQUIRED: Worksheets, scale, pencil, eraser and colours.

PROCEDURE: The students should draw a picture using all of the given elements. The elements could be used more than once.

OBSERVATION: Students love drawing! Combining math and art a complete success. Students showed their creativity and also asked for extra sheets.

### 2.3 Magic Squares

OBJECTIVE: To sharpen memory.
MATERIALS REQUIRED: Worksheets.

## PROCEDURE:

1. Four different $4 \times 4$ grids are given. The grid contains some missing numbers.
2. The Players have to fill in the grids so that each column, row and diagonal add up to the given sum.

### 2.4 Math Bingo

OBJECTIVE: To memorise prime numbers.
MATERIALS REQUIRED: Notebook, scale, pencil.

## PROCEDURE:

1. The students draw a $5 \times 5$ square grid.
2. Prime numbers from 1 to 100 are entered in the grid randomly.
3. The teacher calls out random prime numbers and the student strikes off that number from the grid.
4. The student who strikes off a row of numbers first wins.

### 2.5 KenKen puzzle

OBJECTIVE: To develop problem-solving skills.
MATERIALS REQUIRED: Worksheets.

## PROCEDURE:

1. Fill in each square with a single number. In a $4 \times 4$ grid use numbers from 1 to 4 .
2. Do not repeat the numbers in any individual row or column. For example, in the grid each column and row should be filled in with the number $1,2,3$, and 4 with no duplication.
3. Each heavily outlined sets of squares is called a cage. The numbers in each cage, in any order must combine to produce the target number indicated in the top corner by using the mathematical operation next to it.
4. A number may be repeated within the cage as long as it is not in the same row or column.

### 2.6 Math Quiz

OBJECTIVE: To memorise formulae (areas and volumes of 2D and 3D shapes).
MATERIALS REQUIRED: Blackboard, chalk, timer.

## PROCEDURE:

1. The class is divided into teams
2. Each team is asked a formula.
3. If answered correctly, before the time limit, the team gains a point.
4. If the team is unable to answer, then the question is passed on to the next team.
5. Once a member has answered, she or he cannot attempt again.

### 2.7 Division Colouring

OBJECTIVE: To practice mental division.
MATERIALS REQUIRED: Colours, rough paper, pen and worksheet.

## PROCEDURE:

1. The students are given a worksheet with a picture.
2. The picture is divided into parts.
3. Each part of the figure contains a simple division problem that the student has to solve.
4. The answer obtained upon solving needs to be matched against a colour scheme code given on the worksheet.
5. The colour that matches the code should be painted that area.
6. Upon solving each part of the figure, a beautiful, painted picture is revealed.

### 2.8 Math logic puzzles

OBJECTIVE: To develop mathematical skills.
MATERIALS REQUIRED: Worksheet.

## PROCEDURE:

1. The students are given a worksheet with three logic puzzles.
2. The difficulty level of each puzzle increases from easy to hard.
3. Each puzzle contains 3 mathematical equations.
4. Each term in the equation except one is depicted by an icon/picture.
5. The student has to inter-relate the equations and find out the values of each icon.

### 2.9 Noggle

OBJECTIVE: To develop critical thinking.
MATERIALS REQUIRED: Noggle chart and timer

## PROCEDURE:

1. A Noggle chart consisting of various numbers placed in $4 \times 4$ grid is put up on the blackboard.
2. A number written in a circle is placed next to the chart.
3. The class is divided into teams.
4. Each team has 3 minutes to write an expression with a value equal to the circled number.
5. The numbers in the expressions must be from the chart and must touching each other either horizontally, vertically or diagonally.
6. The team can use various mathematical operations to arrive at the answer.
7. If answered correctly, before the time limit, the team gains a point.

### 2.10 Pythagorean theorem puzzle

OBJECTIVE: To practice Pythagorean theorem.
MATERIALS REQUIRED: Worksheet.

## PROCEDURE:

The students have to find out the value of the hypotenuse marked with a star. All other values are given except of the hypotenuse.
(The adjacent sides of the hypotenuse make other triangles of varying lengths. These triangles are in turn connected to more triangles. The students will have to use the basic mathematical operations as well as the Pythagoras theorem to find out the exact values of each side of the triangle of interest.)

## REPORTS OF CO-CURRICULAR ACTIVITIES

## 1. PATRIOTIC SINGING ON REPUBLIC DAY

The students of Nirmala Institute of education attended the flag hoisting ceremony in Guardian Angel High School, Curchorem Goa. The function began at 8:15 with flag hoisting which was immediately followed by the National Anthem. After a brief speech by one of the staff teachers, the teacher trainees at Nirmala Institution of Education presented an ensemble of patriotic songs. The NIE interns (Aalisha Costa, Lancia Cardozo, Ashweta Manjrekar, Megal Rebello and Enida Fernandes) sang three patriotic songs on the occasion of Republic Day. The interns were trained by Mr. Elvis Goes, the Math teacher, whose talents also include singing and composing songs. The songs sang were - Ye Watan, Lukka Chuppi and Yeh Jo Desh hai mera. The performance was highly appreciated by all the teaching and non-teaching members of the staff. The chief guest of the program, Rev. Fr. Jovier Barreto, Assistant Priest of Guardian Angel Parish Church, Curchorem delivered a beautiful message reflecting the importance of Republic day. The function was concluded with a vote of thanks by the principal of the higher secondary School Rev. Fr. Walter Miranda. The Physical Education teacher engaged the crowd in raising slogans of national importance. The gathering was dismissed for the day.

## 1. PATRIOTIC SINGING ON REPUBLIC DAY



1. The interns singing
2. The interns with Sir Goes

# 2. POSTER ON PATRIOTISM FOR REPUBLIC DAY 

On the occasion of Republic Day 2021, the NIE interns designed three posters to be displayed on the school notice board. The first was a framed Preamble of the Constitution. The second was Mahatma Gandhi at the India Gate. The India Gate was collaged with flowers resembling the Tricolour. The third poster depicted the Indian National Flag, filled with words of national relevance.

## 2. POSTER ON PATRIOTISM FOR REPUBLIC DAY



## 3. HEADMASTER'S DAY

The Headmaster's Day was celebrated at Guardian Angel High School on 3 March 2021 on the birthday of Rev. Fr. Jerry Vaz. The B.Ed. trainees (Aalisha Costa, Lancia Cardozo, Ashweta Manjrekar, Megal Rebello and Enida Fernandes), along with the D.EI.Ed. and B.P. Ed. trainees were given the responsibility of decorating the hall and headmaster's office, and of presenting a memento to the headmaster. The trainees procured the required material with the cash given by the school. On the day of celebration, the trainees decorated the office and the hall with balloons and 'Happy Birthday' banners. An exquisite A4 sized birthday card was collectively prepared by the trainees. A prayer service was held in the hall followed by a short programme during which, the card was presented to the headmaster. The work of the trainees was appreciated by the headmaster and many staff members.

## 3. HEADMASTER’S DAY



## 4. TEACHERS-STUDENTS-PARENTS MEET

The Headmaster along with the faculty of GAHS planned a scheduled meet for the teachers, students and parents of classes 5 and 6, from 9 March 2021 to 13 March 2021. This was done to keep track of learning and difficulties faced by the students during the on going pandemic. The second motive of the meet was to familiarise students with their teachers and vice versa. Students were called in batches according to their divisions. Each teacher met a total of 10 students per day. All SoPs were followed strictly by the school. A list was prepared and each student was allotted a specific time slot. The temperature check and sanitisation was done at the school gate. They were then guided to their respective class by a teacher trainee. The class teacher along with another teacher trainee met with the students and their parents. After discussing matters, critical feedback was taken from the latter. Important points were noted down and then transferred to a digital source by the trainee.

## 4. TEACHERS-STUDENTS-PARENTS MEET



## 5. PACKAGING OF TABLETS

The Guardian Angel High School annually distributes deworming tablets to all of its students. However, due to the present circumstances, these medicines were distributed to only those students who visited the school. These included the students of std. 10 and std. 09. Each pill was packed separately in a zip-lock bag by the teacher trainees under the supervision of Mrs. Ruth Mendes. Proper hygiene and sanitisation was maintained while packing.

## 5. PACKAGING OF TABLETS



## SCIENCE TEST

## Topic: Diversity in Living Organisms (Vertebrates)

Std: 9th

1. Weightages
2. Blue- print
3. Question Paper
4. Scoring key \& Marking Scheme
5. Question- wise Analysis

## 1. Weightages

## A. Weightage to Objectives

| Sr. No. | Objectives | Marks | Percentage (\%) |
| :---: | :---: | :---: | :---: |
| $\mathbf{1 .}$ | Remembering | 6 | $\mathbf{3 0}$ |
| $\mathbf{2 .}$ | Understanding | 14 | $\mathbf{7 0}$ |
| $\mathbf{3 .}$ | Applying | - | $\mathbf{0}$ |
| $\mathbf{4 .}$ | Skill | - | $\mathbf{0}$ |
|  | Total | $\mathbf{2 0}$ | $\mathbf{1 0 0}$ |

## B. Weightage to Content

| Sr. No. | Sub-topics | Marks | Percentage (\%) |
| :---: | :---: | :---: | :---: |
| 1. | Vertebrata | 4 | 20 |
| 2. | Pisces | 3 | 15 |
| 3. | Amphibia | 3 | 15 |
| 4. | Reptilia | 3 | 15 |
| 5. | Aves | 3 | 15 |
| 6. | Mammalia | 4 | 20 |
|  | TOTAL | 20 | 100 |

## A. Weightage to the form of questions

| Sr. No. | Form of Questions | Marks | Percentage (\%) |
| :---: | :---: | :---: | :---: |
| 1. | Essay | 6 | 30 |
| 2. | Objective- Select | 8 | 40 |
| 3. | Objective- Supply | 6 | 30 |
|  | Objective-Context Dependent | - | 0 |
| Total |  |  |  |

## B. Weightage to difficulty level

| Sr. No. | Difficulty level | Marks | Percentage (\%) |
| :---: | :---: | :---: | :---: |
| 1. | Easy | 6 | 30 |
| 2. | Average | 8 | 40 |
| 3. | Difficult | 6 | 30 |
|  | Total | $\mathbf{2 0}$ | $\mathbf{1 0 0}$ |

2. Blue- Print


Question paper
[Date:00/00/0000] [Total No. of Pages:3]
Guardian Angel High School
Science Test
Vertebrata (9th Std)
[Maximum Marks: 20]
[Time Duration: 30 minutes]
General Instructions:

1. All Questions are compulsory.
2. Figures to the right indicate full marks.

Q1) Pick the most suitable alternative from the options given below and rewrite the statement. [4]

1. Which one is the most striking character of the vertebrates?
(a) Presence of notochord
(b) Presence of triploblastic condition
(c) Presence of gill pouches
(d) Presence of coelom
2. Salamander Belongs to class
(a) Pisces
(b) Aves
(c) Reptilia
(d) Amphibia
3. The Respiratory organ in reptile is
(a) Gills
(b) Epidermis
(c) Lungs
(d) Skin
4. Which one is a true fish
(a) Jelly fish
(b) Star Fish
(c) Dog Fish
(d) Silver Fish

Q2) Match the items in Column A with the appropriate characteristic in the column B. [4]

| Column | Column |
| :--- | :--- |
| A | B |
| 1. Amphibia | a) Gills |
| 2. Mammalia | b) Dual Habitat |
| 3. Pisces | c) Feathers |
| 4. Aves | d) Mammary Glands |
|  | e) Jointed legs |
|  | f) Water Canal System |

## Q3) State if true or False [4]

(a). Aves are cold blooded Animals.
(b). The Skin of mammals is covered with hairs
(c). Reptiles possess mucus glands on their skin.
(d). Amphibians have three chambered heart.

## Q4) Name the following:-

a) One egg laying mammal.[1]
b) One Reptile having four chambered heart. [1]

Q5) Which are the three basic features of Phylum Vertebrata?

Q6) Give two point of difference between Aves and Mammals.

Q7) Give two Characteristics of Class Pisces.

## 4. Scoring key \& Marking Scheme

| Question No. |  | Value <br> Points | Marks | Total |
| :---: | :---: | :---: | :---: | :---: |
| Q1) Multiple Choice questions |  |  |  |  |
| 1. | Presence of notochord |  | 1 | 4 |
| 2. | Amphibia |  | 1 |  |
| 3. | Lungs |  | 1 |  |
| 4. | Dog Fish |  | 1 |  |
| Q2) Match the columns. |  |  |  |  |
| 1. | b. Dual Habitat |  | 1 | 4 |
| 2. | d. Mammary Glands |  | 1 |  |
| 3. | a. Gills |  | 1 |  |
| 4. | c. Feathers |  | 1 |  |
|  |  |  |  |  |
| Q3) State True or False |  |  |  |  |
| a | False |  | 1 | 4 |
| b | True |  | 1 |  |
| c | False |  | 1 |  |
| d | True |  | 1 |  |
|  |  |  |  |  |
| Q4) Name the following |  |  |  |  |
| a | Platypus |  | 1 | 2 |
| b | Crocodile |  | 1 |  |



## 5. Question- Wise Analysis

| Q. No. | Sub- topic | Objectives | Specificatio ns | Item Typ | Marks | (Minute <br> s) | Difficult <br> y <br> leve |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1.1 | Vertebrata | Remembering | Identifies | Osu | 1 | 2 | Easy |
| 1.2 | Amphibia | Remembering | Identifies | Osu | 1 | 2 | Easy |
| 1.3 | Reptilia | Remembering | Identifies | Osu | 1 | 2 | Easy |
| 1.4 | Pisces | Understanding | Identifies | Osu | 1 | 2 | Easy |
| 2.1 | Amphibia | Understanding | Matching | Ose | 1 | 1 | Average |
| 2 | Mammalia | Understanding | Matching | Ose | 1 | 1 | Average |
| 3 | Pisces | Understanding | Matching | Ose | 1 | 1 | Average |
| 4 | Aves | Understanding | Matching | Ose | 1 | 1 | Average |
| 3 a | Aves | Understanding | States | Ose | 1 | 1 | Average |
| b | Mammalia | Understanding | States | Ose | 1 | 1 | Average |
| c | Reptilia | Understanding | States | Ose | 1 | 1 | Average |
| d | Amphibia | Understanding | States | Ose | 1 | 1 | Average |
| 4 a | Mammalia | Understanding | Cites | Osu | 1 | 1 | Easy |
| b | Reptilia | Understanding | Cites | Osu | 1 | 1 | Easy |
| 5 | Vertebrata | Remembering | States | Essay | 3 | 6 | Difficult |
| 6 | Aves <br> Mammalia | Understanding | lists | Essay | 2 | 4 | Difficult |
| 7 | Pisces | Understanding | lists | Essay | 1 | 2 | Difficult |
|  |  | TOTAL |  |  | 20 | 30 |  |

## MATH TEST

Topic: Linear Equations in Two Variables
Class: 9

## 1. DESCRIPTION OF WEIGHTAGES

WEIGHTAGE TO CONTENT

| SR. | SUB-UNITS | PERCENTAGES | MARKS |
| :---: | :--- | :---: | :---: |
| NO. | Linear Equation | 30 | 6 |
| 2. | Solution of a Linear <br> Equation | 30 | 6 |
| 3. | Graph of a Linear equation <br> in Two Variables | 40 | 8 |
|  |  | $100 \%$ | 20 |

## WEIGHTAGE TO OBJECTIVES

| OBJECTIVES | PERCENTAGES | MARKS |
| :--- | :---: | :---: |
| Remembering | 10 | 1 |
| Understanding | 50 | 12 |
| Applying | 10 | 1 |
| Skill | 30 | 6 |
|  | $100 \%$ | 20 |

## WEIGHTAGE TO ITEM FORMAT

| ITEMS | PERCENTAGES | MARKS |
| :--- | :---: | :---: |
| Essay |  | 10 |
| Objective - select |  | 4 |
| Objective - supply |  | - |
| Objective - context dependent |  |  |
|  | $100 \%$ | 6 |

## 2. BLUEPRINT

| Obj. | Remembering |  |  | Understanding |  |  |  | Applying |  |  |  | Skill |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | E Ose | Osu | Ocd | E | Ose | Osu | Ocd | E | Ose | Osu | Ocd | E | Ose | Osu | Ocd |  |
| 1 |  |  |  | 4 | 2 |  |  |  |  |  |  |  |  |  |  | 6 |
| 2 |  |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  | 6 |
| 3 | 1 |  |  |  |  |  |  |  | 1 |  |  |  |  |  | 6 | 8 |
| Sub- <br> total | 1 |  |  | 10 | 2 |  |  |  | 1 |  |  |  |  |  | 6 |  |
| TOTAL | 1 |  |  | 12 |  |  |  |  | 1 |  |  |  | 6 |  |  | 20 |

## 3. QUESTION PAPER

## Instructions:

- All questions are compulsory.
- Figures to the right indicate full marks.

Subject: Mathematics
Class: 9
Total marks: 20

Topic: Linear equations in two variables
Time: 30 minutes

## Q I] Pick the most suitable alternative from the options given below and rewrite the statement.

i] Identify the linear equation in one variable among the options given below.
a. $3 x+5=2 x$
b. $\quad 2 x+3 y=-24$
c. $3 x^{2}-2 x+7$
d. $\quad 2^{3}$
ii] Identify which of the following is a linear equation in two variables.
a. $7 x+5 x=24$
b. $3 x+5 y+2 z$
c. $x+y=9$
d. $6 x^{2}+11 x+4$
iii] A point with co-ordinates $(\mathbf{m}, 3)$ lie on the $y$-axis. Therefore, the value of $m$ is $\qquad$ .
a. 0
b. 1
c. 2
d. 3
iv] Any point on the line $x=y$ is of the form:
a) $(k,-k)$
b) $(0, k)$
c) $(k, 0)$
d) $(k, k)$

Q II] Express the following linear equation in the form $a x+b y+c=0$ and indicate the values of $a, b$ and $c$.
A) $2 x=-5 y$
B) $x-4=\sqrt{3} y$

Q III] Complete and rewrite the table given below and plot the graph for the equations:

A] $x+y=7$ (at least three points)

| $X$ |  |  |  |
| :--- | :--- | :--- | :--- |
| $Y$ |  |  |  |
| $(x, y)$ |  |  |  |

B] $x-2 y=3$ (at least three points)

| $X$ |  |  |  |
| :--- | :--- | :--- | :--- |
| $Y$ |  |  |  |
| $(x, y)$ |  |  |  |

Q IV] Find the value of $k$, if:
A] $(0,4)$ is a solution of linear equation $4 x+3 y=k$
(2)

B] $(1,-4)$ is a solution of the linear equation $2 x+k=-3 y$
(2)

C] $(1,2)$ is a solution of the linear equation $2 x+3 y=k$
(2)

## 4. MARKING SCHEME AND SCORING KEY

Q I] Pick the most suitable alternative from the options given below and rewrite the statement.
i] Identify the linear equation in one variable among the options given below.
a. $3 x+5=2 x$
ii] Identify which of the following is a linear equation in two variables.
c. $x+y=9$
iii] A point with co-ordinates $(\mathbf{m}, \mathbf{3})$ lie on the $y$-axis. Therefore, the value of $m$ is $\qquad$ .
a. 0
iv] Any point on the line $x=y$ is of the form:
d. (k, k)

Q II] Express the following linear equation in the form $a x+b y+c=0$ and indicate the values of $a, b$ and $c$.
A) $2 x=-5 y$

$$
\begin{align*}
& 2 x+5 y+0=0  \tag{1}\\
& a=2, b=5, c=0 \tag{1}
\end{align*}
$$

B) $x-4=\sqrt{3} y$
$x-\sqrt{3} y-4=0$
$\mathbf{a}=1, \boldsymbol{b}=-\sqrt{3}, \mathbf{c}=-4$

Q III] Complete and rewrite the table given below and plot the graph for the equations:

A] $x+y=7$ (at least three points)

| $X$ | 1 | 2 | 3 |
| :--- | :--- | :--- | :--- |
| $Y$ | 6 | 5 | 4 |
| $(x, y)$ | $(1,6)$ | $(2,5)$ | $(3,4)$ |

B] $x-2 y=3$ (at least three points)

| $X$ | 1 | 5 | 7 |
| :--- | :--- | :--- | :--- |
| $Y$ | -1 | 1 | 2 |
| $(x, y)$ | $(1,-1)$ | $(5,1)$ | $(7,2)$ |

Q IV] Find the value of $k$, if:
A] $(0,4)$ is a solution of linear equation $4 x+3 y=k$
$\mathbf{x}=0, \mathbf{y}=4$
$4(0)+3(4)=k$
$0+12=k$
$\mathrm{k}=12$
The value of $\mathbf{k}$ is 12 . .... (0.5)

B] $(1,-4)$ is a solution of the linear equation $2 x+k=-3 y$
$x=1, y=-4$
$2 x+k=-3 y$
$2(1)+k=-3(-4)$
$2+k=12$
$\mathrm{k}=12-2$
$k=10$
The value of k is 10 .

C] $(1,2)$ is a solution of the linear equation $2 x+3 y=k$
$\mathbf{x}=1, \mathbf{y}=2$
$2 x+3 y=k$
$2(1)+3(2)=k$
$2+6=k$
$8=k$
$\mathrm{k}=8$
The value of k is 8 . ..... (0.5)

## 5. QUESTION-WISE ANALYSIS

| Q. No. | Objective | Specification | Subunit | Item <br> type | Marks | Time | Difficulty |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I] i | U | Identify | 1 | Ose | 1 | 1 | E |
| ii | U | Identify | 1 | Ose | 1 | 1 | E |
| iii | K |  | 3 | Ose | 1 | 1 | A |
| iv | A |  | 3 | Ose | 1 | 1 | D |
| II] A | U | Express | 1 | Essay | 2 | 2 | A |
| B | U | Express | 1 | Essay | 2 | 2 | D |
| III] A | S | Plot | 3 | Ocd | 3 | 6.5 | A |
| B | S | Plot | 3 | Ocd | 3 | 6.5 | A |
| IV] A | U | Compute | 2 | Essay | 2 | 3 | A |
| B | U | Compute | 2 | Essay | 2 | 3 | A |
| C | U | Compute | 2 | Essay | 2 | 3 | A |

## REFLECTION AND SUGGESTIONS

My experience during the internship this year was quite different from last year's. Firstly, the pandemic made it a strange and hectic experience altogether. Strange because I spoke to screens instead of students, hectic because I invested much more energy and time to prepare a 30 minutes virtual lecture.

Secondly, I was a bit demotivated when I learnt that students will not be attending classes physically. Engaging in the classroom environment is what makes a teachinglearning experience fruitful and fun. However, this did not hold me back from conducting classes online. I took the opportunity to explore creative methods to liven an otherwise boring presentation. I used colours, videos, pictures, emojis, all to make the virtual class interesting and engaging. I received a good response from students and the mentor in charge.
This internship tenure has also taught me to deal and cooperate with people of different personalities. The group of interns was comparatively large since the F.Y.B.Ed.'s , the D.El.Ed.'s and B.P.Ed students also accompanied us. A mix of such vibrant minds always call for clashes of ideas. In such situations, I learnt to humble myself, be open to new thought processes/ideas, accept criticism and work collaboratively. I also learnt to be more responsible and punctual.

While interning I had to be careful to maintain SOPs and to travel safe. Thankfully, the school had sanitisers placed at every corner and everyone was temperature checked upon arrival. We were sat at a distance from each other to avoid contact.

The staff and the Headmaster were very supportive and always motivated us. My Mentor, Mrs. Mendes, was
co-operative and encouraged me to work hard. She directed me and the team through the essentials of job applications and advised us to always aim for growth.

A few points that would have helped in a steady flow of carrying responsibilities would be if :

- The trainees were well briefed about the essential requirements during the tenure.
- The list of essential activities was altered in view of the pandemic.


## INTERNSHIP FILE

# MOUNT MARY'S HIGH SCHOOL CHINCHINIM - GOA 

$4^{\text {th }}$ January 2021 - $24^{\text {th }}$ April 2021


Anushka Dias 23
S.Y.B.Ed.

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## Acknowledgement

I would like to express my sincere gratitude to our Officiating Principal Dr. Delia Antao for giving us this opportunity to be a part of an internship programme. These 16 weeks were truly amazing and we will treasure them always.

I would also like to thank our Science and Mathematics method masters Mrs. Pratiksha Shirodkar and Mrs. Ximena Fonseca for equipping us with the necessary tools and strategies to transmit content during these difficult times.

I would also like to thank Dr. Russell D'souza and Mr. Subodh Haldankar for their valuable support and for enriching us with their knowledge and skills to make our teaching experience a wonderful one. I would also like to extend my gratitude to Mr. Francis Caridade Fernandes, Headmaster and Fr. Joao Antonio Costa , Manager of Mount Mary's High School Chinchinim for granting us permission to intern in this beautiful school. It was truly a delightful experience.
And last but not the least, I would like to thank the teachers and students of Mount Mary's High School for guiding and supporting us throughout the term of internship. Finally I would like to thank my companions who co-operated to accomplish every task during the internship period.

Anushka Dias
S.Y.B.Ed.

## Introduction

Mount Mary's High School was established in 1962 and it is managed by private aided. It is located in Chinchinim Salcete Goa. The manager of the school is Fr. Joao Antonio Costa , the vicar of Our Lady of Hope Chinchinim. The school is headed by Mr. Francis Caridade Fernandes. He has been the headmaster since the year 2014.

The vision of the school is to equip the students with knowledge, values and skills and to empower them to achieve their full potential. It aims to create a school environment where the needs of the students are supported by quality education, where the school, parents and the community are engaged as partners in education and a place wherein a diversity of background and abilities are accommodated.


## Day Wise Reports and Attendance Sheets

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Nirmala Institute of Education BED ATTENDANCE 2019-2021 (Y2)

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MOUNT MARY'S HIGH SCHOOL

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## Nirmala Institute of Education

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## Nirmala Institute of Education <br> B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: $\square$ Mary's High School
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[^14]| Activities |
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| A. Science Activities |
| 1. Biography |
| 2. Documentary |
| 3. Quiz |
| 4. Periodic Table |
| 5. Terrarium |
| 6. Sound Demonstrations |
| 7. Simulations |
| 8. Density Demonstrations |
| 9. Crosswords |
| 10.Science Virtual Field Trips |
| B. Maths Activities |
| 11. Sudoku |
| 12. Tangram |
| 13. Magic Squares |
| 14. Algebra Mazes |
| 15. Math Riddles |
| 16. Find the Sequence |
| 17. Math Crossnumber |
| 18. Cross Math |
| 19. Number Pyramids |
| 20. Alphametics |


| Biography |
| :---: |

Objective : To develop scientific attitude in students
Materials Required: Book, pen
Procedure: The teacher chooses a biography of a scientist fortnightly and reads it to her class. Students have to make a note of the scientist and invention in their book. They need to reflect on the biography and research a bit more on the scientists life. The additional learnings are shared to the students by their colleagues. To begin with, students can read the lives of scientists involved in concepts taught in their respective classes.


## Documentary

Objective: To aid the audio-visual learners in developing curiosity through science.

Materials Required: Laptop, projector, screen, video
Procedure : A documentary on the life of a scientist showing the hardships, struggles they faced, observations they made and the multiple attempts they had to go through for an invention to be successful will strengthen the determination of students. They will pay attention to their immediate environment and will learn to explore hidden mysteries. Students can discuss at the end of the documentary about which particular incident in the life of the scientist struck them the most.

## Quiz

Objective : To improve scientific knowledge of students
Materials Required: Laptop, screen, projector, book

Procedure: The teacher selects a few topics eg. sound, air, energy depending on the class. She then instructs the students to research on the given topics. The teacher will divide the students into groups so that they can distribute the topics to be learnt among themselves. On a given day the quiz will be held and the winners can be awarded. This will enhance their knowledge as well as build team spirit among them.


Objective : To relate chemical elements found in objects seen in everyday life Materials Required: Projector, screen, laptop

Procedure: The teacher projects the periodic table on the screen. The teacher will have everyday items on cards. The students will have to guess which element the particular item is made of. Once the object is linked with the element , the teacher will reveal properties of that element. e.g. balloons that stick to the ceiling have helium gas in them. This activity will help them relate elements of the periodic table to everyday life.


## Terrarium

Objective: To develop students understanding about how an ecosystem works Materials Required : Glass jar, mud, water, ferns.

Procedure: First step is to add a few pebbles at the bottom of the jar for better drainage. Next add 2 inches of mud layer and use a fork to loosen the soil. Add the ferns in a presentable manner. Make sure the glass jar is kept where it will receive partial sunlight. Cover the lid and observe the ecosystem thrive. The students will observe the terrarium water cycle wherein the leaves release water, which then accumulates at the top of the jar and then condenses down in the form of water droplets to sustain the ecosystem. The terrarium will also perform the function of a greenhouse.

Sound Demonstrations

Objective: To demonstrate sound produces vibrations
Materials Required: Glass bowl, cling film, rice grains or sprinkles, speaker
Procedure: Teacher wraps the cling film tightly around the glass bowl and rice grains are placed on this membrane. The speaker is placed near the bowl. It is observed that when the music is played the sound vibrations cause the rice grains to move up and down on the surface. The membrane mimics the membrane of the ear on which sound waves fall and the surface vibrates.



Objective: To develop understanding of performing various experiments Materials Required: Screen, laptop, projector, internet connectivity

Procedure: This is a one of a kind experience in a classroom. These simulations can be accessed through PHET simulations. The teacher addresses the students on the experiment they need to perform. Students get a clear picture when the experiment is conducted in real time through a screen which aids as a walkthrough before beginning the experiment. This is advantageous since some experiments cannot be conducted in a school setting and simulations give way to it easily.


## Density Demonstrations

Objective : To demonstrate the density of different liquids and different objects Materials Required: Clear glass jar, vegetable oil, water, corn syrup, grape , coin, piece of cork

Procedure: The teacher takes the jar pours vegetable oil in first, next in goes the water, next she pours the corn syrup. The teacher tells the students to make a note of the three layers formed. Next the teacher will add the three objects coin, grape and cork and these will float in different layers based on their densities. The students will be able to take a note that objects with a heavier density sink to the bottom and the objects with a lighter density will stay at the top.


| Crosswords |
| :--- |

Objective : To improve mental ability and learn in a fun filled way
Materials: Sheets of paper, pen
Procedure: Crosswords are a fun way to learn and working in groups of 4 is an amazing way to learn. Teacher makes groups wherein there is one above average learner, one below average learner and two average learners. This strategy helps in developing confidence in individuals. The crosswords will be based on science topics already taught in class or yet to be taught. Either way it will help in assessment of the former and testing previous knowledge in the latter.

## Virtual Field Trips

Objective : To induce curiosity in learners through scientific explorations
Materials: Screen, projector, laptop
Procedure: The teacher while teaching concepts incorporates in her lesson real time footage of ecological species, space explorations, marine adventures etc. Virtual field trips hep explore nature in all its glory as it might not be possible for all to venture to far off places. It serves as an authentic source for listing species and categorizing them into different types.

## Sudoku

Objective: To improve memory and boost logical thinking
Materials Required: Worksheets, pencil, eraser

Procedure :Teacher distributes worksheets of a $9 \times 9$ grid with $3 \times 3$ sub grids. The objective is to fill the grid with numbers ranging from 1-9 such that each number appears only once in each row, each column and each zone ( $3 \times 3$ ). The puzzle provide will have partially completed grids. The students need to concentrate on each row, column and zone so that they don't repeat the same number.

| 5 | 3 |  |  | 7 |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 6 |  |  | 1 | 9 | 5 |  |  |  |
|  | 9 | 8 |  |  |  |  | 6 |  |
| 8 |  |  |  | 6 |  |  |  | 3 |
| 4 |  |  | 8 |  | 3 |  |  | 1 |
| 7 |  |  |  | 2 |  |  |  | 6 |
|  | 6 |  |  |  |  | 2 | 8 |  |
|  |  |  | 4 | 1 | 9 |  |  | 5 |
|  |  |  |  | 8 |  |  | 7 | 9 |


| Tangram |
| :---: |

Objective: To develop understanding of properties of shapes.
Materials Required : Tan pieces
Procedure: The teacher makes groups of 4 in the class and distributes 7 tans to each group. The pieces consist of a small square, two small congruent triangles, two large congruent triangles, a medium size triangle and a parallelogram. The teacher then asks the students to assemble the seven pieces to make the following shapes rectangle, parallelogram, trapezium and square. Once the tans are arranged the teacher asks the students the properties of the particular shape.


## Magic Squares

Objective: To create a matrix of numbers
Materials Required: Worksheet, pencil, eraser
Procedure: Magic squares are square grids with a special arrangement of numbers in them. These numbers are special because every row, column and diagonal adds up to the same number. Also the numbers that are opposite to each other across the centre number will add up to the same number. The teacher will list the rules to the student and depending on the size of the grid students need to fill in the numbers. E.g. $3 \times 3$ grid - numbers from 1-9.


## Algebra Mazes

Objective : It develops mathematical logical skills in students

Material Required: Worksheets, pencil, eraser
Procedure: These are special worksheets designed in a maze. The start of the maze has a equation and there are 2 or more probable values which lead in different paths. So solving the equation correctly will eventually lead you to the end of the maze. This activity will be interesting when it is solved in groups of 4. Teacher will provide the necessary instructions before she begins.


| Math Riddles |
| :--- |

Objective: It builds logical thinking and problem solving skills in the students Materials Required: Paper, pen

Procedure: Mathematical riddles in the classroom strengthen both reading and problem solving skills. They provide motivation by making math fun. Furthermore the challenge of solving riddles can make mathematics enjoyable for students because they are presented in a different way than standard practice problems. So when the teacher poses the problem the students readily try to solve it. E.g. The combined age of a father and son is 66 years. The age of the father is the age of the son but with the digits reversed. How old are they?

Answer: 51 and 15 or 42 and 24 or 60 and 06

## Find The Sequence

Objective : To develop logical reasoning skills

Materials Required : Paper, pen
Procedure : Teacher writes incomplete sequences on the board. Students are told to work in pairs and find solutions and the rule for their answer. These are aptitude testing problems which benefit students during Talent Search Exams.


Math Cross number

Objective : To reinforce math skills of students
Material Required: Worksheets, pencil
Procedure: The teacher divides the class into groups of 4 . Each group is given one worksheet to solve. The students need to read the clues below across and down and write the answer against the space provided. Depending on the standard the difficulty level will change. The clues may be based on word problems, number series, algebra etc. These cross numbers will help the students to strengthen their skills in a fun filled way.

| Across | Down |
| :---: | :---: |
| 1 Digits of 2-Down reversed | 1 Square root of 1-Across |
| 3 This plus 7-Down is 5-Down | 2 A perfect square |
| 4 1-Down times 47 | 3 8-Across minus 1-Down |
| 6 A perfect cube | 5 Perfect square palindrome |
| 8 A perfect square | 6 Product of the digits of 1-Across |
| 9 A perfect cube | 7 This plus 3-Across is 5-Dawn |



## Cross Math

Objective : To enhance mental math skills
Materials Required: Worksheet, pencil, eraser
Procedure: The teacher divides the class in groups of 4 . She distributes the worksheets among the students. Students need to work co-operatively to crack the code. To solve a cross math puzzle, we need to place each digit from 1 to 9 in the empty squares of the grid so that the three rows, across and the three columns down form correct arithmetic statements. All calculations need to be performed in order from left to right and top to bottom.

| 7 | - | 6 | + | 8 | $=$ | 9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| + |  | + |  | - |  |  |
| 1 | + | 5 | $\times$ | 3 | $=$ | 18 |
| + |  | + |  | - |  |  |
| 9 | + | 4 | $\times$ | 2 | $=$ | 26 |
| $=$ |  | $=$ |  | $=$ |  |  |
| 17 |  | 15 |  | 3 |  |  |

## Number Pyramids

Objective: To develop computational skills

Materials Required: Pen , paper
Procedure : Teacher writes the pyramid on the board. Students solve it by placing numbers into the empty spots so that every number is the sum of the two directly below it. The rules of the number pyramid are : it should include only positive numbers and not include any number more than once. These number pyramids can also be given as algebra pyramids with algebraic expressions in the empty spots.


## Alphametics

Objective: To develop logical reasoning
Materials Required: Paper, pen
Procedure: Alphametics are cryptarithms that spell out words . Given a mathematical expression, every digit is replaced by a letter. The rules are : identical digits are replaced by the same letter. Different digits are replaced by different letters. After replacing all the letters with digits, the resulting arithmetic expression must be mathematically correct. Numbers cannot start with 0 . Students can find solutions individually.

| example puzzle | solution |
| :---: | ---: |
| ON E | $\mathbf{3 9 2}$ |
| ON E | 392 |
| + TW O | +583 |
| FO UR | $\mathbf{1 3 6 7}$ |

## Celebration Reports

Co- Curricular Activities Report
St. Joseph Vaz Feast


16 January 2021
The feast of St Joseph Vaz was celebrated in Mount Mary's High School Chinchinim. St Joseph Vaz feast is celebrated on $16^{\text {th }}$ January every year. We along with the P.E.S. interns prepared the board for the occasion. On the board we decided to write the life of St. Joseph Vaz and highlight some of the miracles he performed. The title "Be like the moon, face Jesus the sun" is chosen from his letter addressed to a Deacon.


24 January 2021
On the occasion of National Girl Child Day we prepared posters to highlight the importance of women in our life and the necessity of equal rights in society. The artwork in the first picture depicts the hardships that women go through and if a girl child is treated as an equal then the honours that she can achieve. In the second picture the girl asks for equal rights in society so that she can achieve her dreams.

Republic Day


26 January 2021
On the occasion of India's 72 years of Republic we prepared the wallpaper that was released during the assembly. In this poster we have emphasized on the "India of Our Dreams" and also featured the era gone by. We have also listed some interesting facts about the constitution of India to enlighten young minds.

## National Science Day



27 February 2021
Science day was celebrated on $27^{\text {th }}$ February in our internship school. We prepared the poster that was unveiled. The poster was created on the theme "Future of Science, Technology and Innovations". In the poster we have shown the inventions that changed the world, the impact of technology in our lives, how students themselves can develop scientific attitude and highlighted the life of a young scientist who has brought about change due to STEAM education. We conducted an assembly based on the theme for the year. There was a street play format skit performed which tackled issues on plastic menace. This skit demonstrated the different types of plastics present in different objects and whether or not they are degradable. The skit concludes with the thought that our lives revolve around the usage of plastics, so eventually it's utility lies in our hands. I was instructed to make a science model to be displayed on science day. Based on the plant cell diagram of std IX , the model was prepared.

## Sanofi Kids



26 March 2021

Based on an activity introduced by Sanofi Kids to educate students on the challenges of diabetes we were instructed to prepare the font cut-outs.

## Tenth Std Farewell



8 April 2021
The farewell of Tenth Std students was celebrated on 8 April and we were instructed to prepare boards for the occasion. The first board was based on the theme 'Believe you can shine'. The second board was prepared for a teacher's retirement celebration.


Collecting exam papers and distributing
Planting a plant in the internship school


Filing documents of the school


Arranging distribution
textbooks


Distributing deworming tablets to the students

for
Distributing yet another batch of iron folic tablets

## Science Test <br> Std VIII

Q1(A) Select and write the most appropriate alternative from those provided in the brackets:
1 An example of a non-flammable substance is $\qquad$
a) Kerosene
b) Glass
c) Wood

2 A sudden reaction with the evolution of heat, light and sound is called
$\qquad$
a) Spontaneous combustion b) Rapid combustion c) Explosion
(B) Goldsmiths blow the outermost zone of a flame for melting gold and silver?
a Why do goldsmiths make use of the outermost zone of the flame?
b Draw a neat diagram showing the zones of a candle flame
Label a) zone of partial combustion
b) zone of unburnt wax vapours
(C) i List any three characteristics of an ideal fuel
ii Why is LPG considered a better domestic fuel than wood?
(D)i Define ignition temperature. 1
ii Why does a paper cup with water, not burn when it is heated?

Q2A Name the following

1. A place where sound does not travel
2. A musical instrument which consists of glasses filled with water

B i State the two important factors of sound 1
ii When do we hear a loud sound? 1
Ci Define noise pollution 1
ii State three measures to control noise pollution in a residential area . $1 \frac{1}{2}$

D a) Draw a neat diagram of the ear
Label i) Outer ear
ii) Eardrum
b) How do humans hear sound?

## Science Answer Key Std VIII

## Q1 A

1 b Glass
2 c Explosion
B
a Because it is the hottest part of the flame.
b


C i An ideal fuel should satisfy the following requirements (any 3)
$\checkmark$ It should be readily available
$\checkmark$ It should be easy to transport
$\checkmark$ It should be cheap
$\checkmark$ It should burn easily in air at a moderate rate
$\checkmark$ It shouldn't leave behind any residue
$\checkmark$ It should produce a large amount of heat
ii Because LPG is a cleaner fuel. LPG does not produce harmful gases that pollute the environment and it does not leave any residue on combustion.

D i The lowest temperature at which a substance catches fire is known as its ignition temperature.
ii The heat supplied to the water cup is transferred to water by conduction and so the ignition temperature of paper cannot be reached. Hence the paper cup does not burn.

## Q2A

1 Vacuum
2 Jal Tarang
B i Amplitude and frequency
ii When the amplitude of vibration is high , the sound produced is loud 1
$\mathrm{Ci} \quad$ Presence of excessive and unwanted sound in the environment is called 1 noise pollution.
ii Noise pollution can be controlled in a residential area (any three)

- By setting up noise producing industries away from residential areas
- Use of automobile horns should be minimised
- TV and music systems should be run at low volumes
ii Noise pollution can be controlled in a residential area (any three)
- By setting up noise producing industries away from residential areas
- Use of automobile horns should be minimised
- TV and music systems should be run at low volumes
- Trees must be planted along the roads and around buildings to cut down on the sounds reaching the residents, thus reducing the harmful effects of noise pollution.

D a)

b) Sound enters the ear through the outer ear and travels down a canal, at the end of which is a thin stretched membrane called the eardrum. Sound vibrations make the eardrum vibrate and sends these vibrations to the brain through the inner ear.

## Math Test Paper <br> Std VIII

Q1(A) Select and write the most appropriate alternative from the brackets:
i The sum of $-7 p q$ and $2 p q$ is $\qquad$
a) -9 pq
b) $9 p q$
c) 5 pq
d) $-5 p q$
ii Area of a rectangle with length $4 a b$ and breadth $6 b^{2}$ is $\qquad$
a) $24 a^{2} b^{2}$
b) $24 a b^{3}$
c) $24 a b^{2}$
d) $24 a b$

B Simplify the following
a) $\quad\left(b^{2}-49\right)(b+7)+43$
b) $\quad(1.5 p+1.2 q)^{2}-(1.5 p-1.2 q)^{2}$

C Using suitable identities, evaluate the following:
i $\quad(52)^{2}$
ii $\quad 47 \times 53$
Q2(A) Select and write the most appropriate alternative from the brackets:

1. How many natural numbers lie between $5^{2}$ and $6^{2}$ ?
a) 9
b) 10
c) 11
d) 12
2. A square board has an area of 144 sq. units. How long is each side of the board?
a) 11 units
b) 12 units
c) 13 units
d) 14 units

B i Write the Pythagorean triplet whose one of the numbers is 41
ii Using prime factorization find the square root of $4761 \quad 2$
C Find the square root of the 5625 by long division method 2
Q3A i Express $8^{-2}$ as a power with the base $2 \quad 1$
ii Find the value of $\left(2^{-1}+3^{-1}+4^{-1}\right)^{0} \quad 1$
B Using laws of exponents simplify the following
i $\quad\left(2^{5} \div 2^{8}\right) \times 2^{-7}$
ii $\quad\left(\frac{1}{4}\right)^{-2}+\left(\frac{1}{2}\right)^{-2}+\left(\frac{1}{3}\right)^{-2}$
$\begin{array}{lll}\text { C } & \text { Write the following numbers in the standard form: } & 1 \frac{1}{2} \\ 1 & 0.00012 \\ 2 & 0.102 \\ 3 & \frac{2}{100000} & \end{array}$

Math Answer Key
Std VIII
Q1A i) d) -5 pq
ii) b) $24 a b^{3}$

B a) $\left(b^{2}-49\right)(b+7)+343$

$$
\begin{aligned}
& =b^{2}(b+7)-49(b+7)+343 \\
& =b^{3}+7 b^{2}-49 b-343+343 \\
& =b^{3}-49 \vec{b}+7 \dot{b}^{2}
\end{aligned}
$$

b) $\quad(1.5 p+1.2 q)^{2}-(1.5 p-1.2 q)^{2}$

$$
\begin{aligned}
& =[(1.5 p+1.2 q)+(1.5 p-1.2 q]][(1.5 p+1.2 q)-(1.5 p-1.2 q)] \\
& \left.\quad \quad \text { [using the identity, } a^{2}-b^{2}=(a+b)(a-b)\right] \\
& =[(1.5 p+1.5 p)+(1.2 q-1.2 q)][(1.5 p-1.5 p)+(1.2 q+1.2 q)] \\
& =3 p \times 2.4 q=7.2 p q
\end{aligned}
$$

$\mathrm{Ci} \quad(52)^{2}=(50+2)^{2}$
$=(50)^{2}+(2)^{2}+2 \times 50 \times 2 \quad$ [using the identity, $\left.(a+b)^{2}=a^{2}+b^{2}+2 a b\right]$

$$
=2500+4+200
$$

$$
=2704
$$

ii $\quad 47 \times 53=(50-3)(50+3)$

$$
\begin{aligned}
& \left.=(50)^{2}-(3)^{2} \quad \quad \text { [using the identity, }(a-b)(a+b)=a^{2}-b^{2}\right] \\
& =2500-9 \\
& =2491
\end{aligned}
$$

Q2A b 10
1.
2. b 12 units

Bi

$$
\begin{array}{lr}
\therefore & m^{2}+1=2^{2}+1=4+1=5 \\
\text { and } & m^{2}-1=2^{2}-1=4-1=3 \\
\text { Now, } & 3^{2}+4^{2}=5^{2} \\
\Rightarrow & 9+16=25 \Rightarrow 25=25
\end{array}
$$

So, 3, 4 and 5 are pythegorean triplets.
ii

$$
\begin{array}{r|l}
3 & 4761 \\
\hline 3 & 1587 \\
\hline 23 & 529 \\
\hline 23 & 23 \\
\hline & 1
\end{array}
$$

Now,

$$
4761=3 \times 3 \times 23 \times 23
$$

$\therefore$ Square root of $4761=\sqrt{4761}=3 \times 23=69$

C

| 75 |  |
| ---: | ---: |
| 7 | $\overline{56} \overline{25}$ |
| +7 | -49 |
| 145 | 725 |
|  | -725 |
|  | 0 |

$\therefore \quad \sqrt{5625}=75$

Q3A i. Given, $8^{-2}$, where we can write $8=2 \times 2 \times 2$
1
$\therefore \quad(2 \times 2 \times 2)^{-2}=(2)^{3 \times(-2)}=(2)^{-8}$
Hence, $8^{-2}=(2)^{-6}$
ii Using law of exponents, $a^{0}=1 \quad$ [ $\because$ ais non-zero integer] 1
$\therefore \quad\left[2^{-1}+3^{-1}+4^{-1}\right]^{0}=1$
Hence, $\quad\left[2^{-1}+3^{-1}+4^{-1}\right]^{0}=1$
B i Using laws of exponents, $a^{m}+a^{a}=(a)^{m-n}$ and $a^{m} \times a^{n}=(a)^{m+n}$ [ $: \mathrm{a}$ a is non-zero integer]

$$
\begin{aligned}
\therefore \quad\left(2^{5}+2^{8}\right) \times(2)^{-7} & =(2)^{5-8} \times(2)^{-7} \\
& =(2)^{-3} \times(2)^{-7} \\
& =(2)^{-3-7}=(2)^{-10}=\frac{1}{2^{10}}=\frac{1}{1024} \quad\left[\because a^{-n}=\frac{1}{a^{m}}\right]
\end{aligned}
$$

ii Using law of exponents, $a^{-m}=\frac{1}{a^{m}}$ [: a is non-zero integer] 1

$$
\therefore\left(\frac{1}{4}\right)^{-2}+\left(\frac{1}{2}\right)^{-2}+\left(\frac{1}{3}\right)^{-2}=(4)^{2}+(2)^{2}+(3)^{2}=16+4+9=29
$$

C

$$
\begin{array}{ll}
1 & 1.2 \times 10^{-4} \\
2 & 1.02 \times 10^{-1} \\
3 & 2 \times 10^{-5}
\end{array}
$$

## Class Assembly Report

On $27^{\text {th }}$ February 2021 in Mount Mary's High School Chinchinim an assembly was conducted by the S.Y.B.Ed. teacher trainees on the occasion of National Science Day. The assembly was conducted along with the students of Std IX. The theme of the assembly was "Future of Science, Technology and Innovation". The introduction briefly potrayed the importance of National Science Day and Dr. C.V. Raman's contribution in the field of science. This was followed by a prayer and the hymn just like a child. The headmaster then garlanded the potrait of Dr. C.V. Raman. Teacher Zenaida unveiled the wallpaper prepared by the teacher trainees on the occasion. A student highlighted all the latest advancements in science and technology and urged his fellow students to keep the spark of curiosity alive.
A skit was presented by the students on the topic ' Plastic waste: A growing menace". The skit was presented in konkani in a street play kind of a format. The skit showed a growing monster of plastic which would consume the earth in the coming decades. The residents of that place try to destroy it in many ways but realise that they are the ones who will be harmed in the end. They finally decide to ban plastic. The narrator then tells them about the different types of plastics and their uses which creates a conflict of interest. They finally arrive at the conclusion that plastic is a necessary evil but it's utility lies in our hands.

The headmaster delivered a speech on this occasion. The assembly was concluded with the National Anthem.


## Reflections And Suggestions

I started my internship on $4^{\text {th }}$ January 2021 in Mount Mary's High School Chinchinim. My Maths teacher was Tr. Faviola D'sa e Peixoto and Science teacher was Tr. Milan Pereira who helped us during the internship period. They showed keen interest towards us teacher trainees. We were instructed to create video lessons for the students as the students lacked proper internet facilities. I could deliver additional lessons besides the 20 lessons since the period of internship was extended.

As the celebrations came our way we were given the opportunity to create wallpapers which would be later released during the assembly. Felina, Wilda and I worked together as a team to accomplish every task. We co-ordinated with each other well which gave us the best results. During the science day celebration I got an opportunity to direct a skit. The students initially were a bit hesitant but in the end it was a job well done. I learnt a lot from my colleagues wherein we designed a costume for the plastic monster. Teachers were very much happy with the enthusiasm we showed even in the absence of students.

We were given the responsibility to conduct temperature checks of the tenth and ninth std students. The headmaster appreciated us for this gesture. Due to the present Covid situation are experience lacked physical contact and enriching discussions with the students. But our enthusiasm remained unfaded. We were told to distribute tablets and collect answer papers on campus which gave us a chance to meet some of the students. The teachers had a sense of belongingness towards us which made our experience a memorable one.

Some suggestions to consider would be improvement in washroom facilities and a water dispenser made available on school grounds.


#  <br> NIRMALA INSTITUTE OF EDUCATION INTHR SSIIP FILE <br> Gর <br> NAME: DALE DIAS <br> ROLL NO.: 24 <br> CLASS: S. Y. B. Ed. 

## INTERNSHIP FILE

## OUR LADY OF THE ROSARY HIGH SCHOOL DONA PAULA, GOA



January $\mathbf{4}^{\text {th }} \mathbf{2 0 2 1}$ - April $\mathbf{2 4}^{\text {th }} \mathbf{2 0 2 1}$

Name: Dale Antonio Dias
Roll No.: 24
Nirmala Institute of Education
S. Y. B. Ed.

2019-2021

# NIRMALA INSTITUTE OF EDUCATION Bachelor of Education (B.Ed.) <br> Altinho, Panjim, Goa <br> 2019-2021 (Yr II) 

This is to certify that

has completed a sixteen-week
Internship Programme from $4^{\text {th }}$ January, 2021 to $24^{\text {th }}$ April, 2021 at

## QUR LADY OF THE ROSARY HIGH SCHOOL

in partial fulfilment of the
Two-year B.Ed. Degree Course, Goa University

Faculty Supervisors
Name
Signature

1. $\qquad$
$\qquad$

| Sr. <br> No. | Title | Page <br> No. |
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## Acknowledgement

"Education is the most powerful weapon which you can use to change the world."

-Nelson Mandela

I would like to take this opportunity to express my sincere gratitude to all those who have been my helping hand in countless ways during my sixteen-week internship programme.

Firstly, I thank my Principal Dr. Delia Antao for allotting us schools that have helped us grow and bring out the best of us during our internship. I extend my gratitude to the Principal of Our Lady of The Rosary High School Dona Paula, Sr. Antonieta Colaco for accepting us and being ever so approachable. I also thank Tr. Sybil, our coordinator for guiding us at all times, with her advice and constant support. My sincere gratitude to the teaching and non-teaching staff members of Our Lady of The Rosary High School Dona Paula for always being there for us and treating us with respect right till our last day of internship in the school.

I thank my method masters Ms Ximena Fonseca and Ms Pratiksha Shirodkar for always guiding us as we planned our lessons and encouraging us at all times with their kind words.

I am also thankful to my internship colleagues Casey Fernandes and Cherlyn Fernandes, for being supportive and enthusiastic in undertaking all duties allotted to us. It was truly a fun filled experience working with them as a team.

I heartily thank our librarians for constantly providing us necessary sources of information through the desired books and news journals they provided.

## Our Lady of The Rosary High School

## A brief history

Archbishop Don Jose Vieira Alvernaz, Partriarch of Goa, invited Mother Raymund Lulie, the Provincial of India to start a convent in Goa. In April 1954 Mother Mary Bernard, Srs. Mary Damiana, Mary Salet and Mary Assunta arrived at Goa. Initially they were housed in Panjim, Altinho, with the Miranda family. Two days later Patriarch showed our sisters the Parochial house attached to the Chapel of Our Lady of the Rosary, Caranzalem. After a warm welcome from the people, the sisters launched the opening of the needlework-room for young women and girls. They learnt beautiful embroidery and produced excellent work like church articles, dining sets etc. Classes in cutting, tailoring, domestic science and English were also conducted for the girls.

## Brief Timeline

- 1954 Classes in Konkani were started under the shade of trees and in the verandah. A dispensary, and a day crèche for children was opened.
- 1955 The foundation stone for the new building was laid by the Patriarch.
- 1962 Authorization from Patriarch Alvernaz to open an English Medium school and official authorization from education department was received and the school was named - Our Lady of the Rosary High School - with classes upto IX std.
- 1963 First inspection of the school. K.G. classes were opened in Panjim (Christo Rei). School was recognized by the Board of Secondary Education.
- 1964 First batch of students - Ernestina Almeida and Alba Rodrigues - sent up for the SSC Board examinations. A hostel for girls was opened.
- 2008 Due to the tireless efforts of Sr. Ermelinda Rodrigues the foundation stone for the new school building was laid by Sr. Leena Quadros - Provincial of Mumbai Province.
- 2012 Sr. Antonieta Colaco replaced Sr. Ermelinda Rodrigues as Headmistress.


## School's Education System

## Academic Excellence

With an emphasis on language, mathematics, social studies, science, physical education and fine arts, the school's curriculum greatly focuses on the overall growth of the whole child. It is based on diocesan-approved standards and learning objectives which exceed both state and national performance expectations.

## Safe Environment

The campus is secured by state-of-the-art technologies, and inside the classrooms, students are nurtured by a caring faculty and staff. In addition, they are taught to care for and respect each other. The parents can be confident in knowing their child is being valued as an individual.

## Sports and Physical Education

The students receive expert training in athletics. Also, games like football, basketball, cricket, hockey, table-tennis, badminton, softball, handball, volleyball, baseball, netball, sepak takraw, are taught and practiced by the students on a daily basis. Students who receive training as part of the school team are expected to abide by the norms and make themselves available for practice outside school hours if and when required.

## Online Education

The teachers are well equipped with technological knowledge to take online classes for their students as well as provide asynchronous modes of teaching through lesson videos and also with the help of study material in the form of PDFs and PowerPoint Presentations.

## Online Assessment

The teachers have also devised innovative ways to asses students' learning through online tests in the form of quizzes, online games, Google Forms and Google Classrooms.

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## Nirmala Institute of Education

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Name of the Teacher Trinines: '- Dale Antonlo Dios

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[^17]Nirmala Institute of Education B. ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Out Lady of the Resary Hyh Scheel Name of the Teacher Trainee: Dals Antribio Días

|  | DATE | ARRIVAL | departure | SIGNATURE OF THE teacher trainee |
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Signature of the
Headmaster/Headmistress

## Nirmala Institute of Education

B.ED ATTENDANCE 2019-2021 (Y2)

Name of the School: Ous Indy ef the Rosary High Scheol.
Name of the Teacher Trainee: Dall Antorice Dos?

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Signature of the
Headmaster/Headmistress

| NAME OF THE TEACHER TRAINEE: <br> NIRMALA INSTITUTE OF EDUCATION <br> LIST OF ACTIVITIES CONDUCTED DURIVG INTERNSHIP B.ED. 2019-2021 (YZ) $\qquad$ |  |  |  |
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name of the teacher tranee: Dale Antenic pias

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NIRMALA INSTITUTE OF EDUCATION
LIST OF ACTIVITIES CONDUCTED DURING INTERNSHIP b.ED. 2019-2021 (Y2)
name of the teacher trainee Dale Antonio Diay .

Signature of the Headmaster/Headroistress: Adolo
NIRMALA INSTITUTE OF EDUCATION
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name of the teacher trainee Dale Antorio Dias
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Nirmala Institute of Education B.Ed 2019-2021 (Y2)

Attendance record of teacher trainee

Name: Dale Antonio Dias

Internship Dates: 04/01/2021 to 24/04/2021

| Number of Days Present | 80 |
| :--- | :---: |
|  | 81 |
| Number of Days Absent | 81 |
|  |  |



## Science Planned Activities

## 1. Act it out

Age group: 9 - 15 years
Time: 25 minutes
Objective: Students develop skills of acting and depicting certain concepts
Materials required: Flash cards, list of subject specific words

## Procedure:

1. The class is divided into groups of five, each having one representative.
2. The teacher makes the representative pick a flash card but does not let the student see what word is written on it.
3. The student of the first group stands in front of the class, while the teacher writes the word on the board. The word could either be a science term, mathematical concept, historical period etc.
E.g.: Precipitation, median, independence.
4. The group then begins to convey what the word is to their representative who is facing the class. The group is only allowed to use actions and no oral communication.
5. The student then tries to guess the word within a duration of one minute. If the representative guesses it right, the group gets a point.
6. Repeat this for the other groups with different words at each round.
7. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 2. Hangman

Age group: 9-15 years
Time: 25 minutes

## Objectives:

Students develop their skills of spelling, pronunciation and vocabulary.
Materials required: List of subject specific words

## Procedure:

1. The class is divided into groups of five.
2. During each round, every group must send one student representative.
3. The teacher then selects a word or concept related to any subject and then draw spaces/dashes on the blackboard to represent each letter on the word.

## E.g. CRYSTALLISATION

4. The student then begins guessing the word, one letter at a time.
5. Each student gets one-two minutes to guess the word.
6. Incorrect guesses will result in a hangman being drawn, one line at a time.
7. If the student guesses the word right, the group gets a point.
8. Repeat this for the other groups with different words at each round.
9. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 3. Make a scene

Age group: 9-15 years
Time: 25 minutes

Materials Required: Chits containing a situation each.

## Procedure:

1. The students are divided into groups of ten (or more, depending on the number of students).
2. One student from each group then picks out a situation on random from the chits prepared by the teacher.

Examples of the scenes: Construction site, fish market, hospital, each etc.
3. The teacher instructs the students that they have to depict the situation in the form of a picture frame i.e. they have to remain still while depicting it.
4. The students are then given a time of 3 minutes to prepare themselves for the scene depiction.
5. Then, each group comes forward and depicts the scene, while the other groups try and guess what the scene is.
6. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 4.Word View

Age group: 9 - 15 years
Time: 25 minutes
Objectives: Students learn about important spellings and their pronunciation.
Materials required: Subject specific list of words.

## Procedure:

1. The students are divided into groups of ten (or more, depending on the number of students).
2. One student from each group then picks out a word on random from the chits prepared by the teacher.
3. The students are then given a time of 3 minutes to prepare themselves.
4. Without using any props, the students must depict the word. Each student may depict one alphabet each or two or more students may join together and form one alphabet of the word. The whole word must be depicted in one still frame.

Example: Cycle, Atom, Oxygen, Coal.
5. The other students are required to guess what the word is.
6. Once the students have guessed right, the teacher ensures that the student pronounces the word correctly and also knows the meaning of the word.
7. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 5. Superlatives

Age group: 9 - 15 years
Time: 25 minutes
Objectives: Students learn about the concept of superlatives.
Materials required: Large area to conduct the activity.

## Procedure:

1. The class is divided into groups of equal number of members.
2. The teacher then tells the students to arrange themselves in the order of their names. Smallest name to the biggest name from the left to the right.
3. The students are given twenty seconds to arrange themselves to arrange themselves in the order.
4. Once done, the teacher then checks if the students have arranged themselves correctly.
5. The teacher then tells the students to arrange themselves in different ways.
E.g.: Least number of siblings to most number of siblings.
6. The teacher then asks the students to name themselves as a planet and arrange themselves from the left to the right in the order of the closest to the furthest distance from the sun.
7. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 6. Just Three Words

Age group: 9 - 15 years
Time: 25 minutes
Objectives: Students learn about important subject specific terms.

## Materials required: LCD Projector

## Procedure:

1. Teacher divides the class into two groups.
2. Each group then sends one representative to the front of the class. The representative faces the class and a subject specific word is displayed on the screen.
3. The group members say a one worded clue to help the student guess the word on the screen.
4. The representative is allowed to guess the word on the screen that may be related to the word uttered by the students.
5. If the representative cannot guess the word with the first clue, the group then says the second word as the clue, and subsequently the third.
E.g.: Word: Photosynthesis. Clues: Plants, Chlorophyll, Sunlight.
6. Points for guessing the word with the clues

First clue: 20 Points
Second clue: 15 Points
Third clue: 5 Points.
7. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 7. Anagrams

Age group: 9-15 years
Time: 25 minutes
Objectives: Students learn about important subject specific terms.
Materials required: LCD Projector

## Procedure:

1. Teacher divides the class into two groups.
2. An anagram is a word or phrase made up of the letters of another word. Teacher displays the anagrams on the screen.
3. The students then try and unscramble the anagrams and then find out the subject specific word or term.
E.g.: a. ANGEL: ANGLE (Mathematics)
b. CAGEDON: DECAGON (Mathematics)
4. The teacher may also ask the students to define the term or the word.
5. Each group must try to find out all the words and define them accordingly.
6. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 8.City Search

Age group: 9 - 15 years
Time: 25 minutes
Objectives: Students learn about the important cities of India.

## Materials required: LCD Projector

## Procedure:

1. The teacher displays a grid containing names of cities in India.
2. Each student must work individually and then locate the given words in the grid, running in one of the eight possible directions horizontally, vertically, or diagonally.
3. Once students find all the cities in the grid, the teacher then asks the students to name the states in which the cities are located.

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4. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 9. Mad Ad

Age group: 9-15 years
Time: 25 minutes
Objectives: Students develop the ability to express themselves and coordinate with others.

Materials required: Products such as toothbrush, water bottle, pencil etc.

## Procedure:

1. The class is divided into groups of equal number of members.
2. Each group is given a product to advertise.
3. The students are then given time to create a unique advertisement that would influence their 'customers' to buy the product.
4. The products should be everyday items like toothbrushes, water bottles, watches etc.
5. The students should be instructed to make the product as entertaining as possible.
6. Once done, the teacher must then make the students advertise concepts or terms that are related to certain subjects.
E.g.: Ozone Layer: It is like anti-virus, except that it protects the Earth from UV rays. So its anti-UV, and is freely available. *Terms and conditions apply
7. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 10. Make a Speech

Age group: 9-15 years
Time: 25 minutes
Objectives: Students develop the ability to prepare an impromptu speech.
Materials required: None

## Procedure:

1. The class is divided into groups of equal number of members.
2. Each group is given a situation to prepare a speech for.
3. The students are then given time to create a unique speech that would encourage their audience to admire them.
4. The students in a group work together on the speech but only one student must represent the group while speaking.
5. Situations: Speech about saving water, speech about saving biodiversity, speech on single-use plastic.
6. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## Mathematics Planned Activities

## 1.Math Clusters

Age group: 9 - 15 years
Time: 25 minutes
Objectives: Students develop the skill of solving quick math problems.
Materials Required: Chits containing mathematical puzzles/questions.

## Procedure:

1. Make the students stand together, preferably on a playground or in the hall.
2. Instruct the students that a simple mathematical riddle will be read out and the students have to figure out the answer (number).
3. Once the students find out the answer, they have to stand in groups/clusters of that answer.

Example: The Square Root of 81 is _9.
The students will then stand in groups of 9 .
4. Once the question is read out, the students are given only 20 seconds to figure out the answer and stand in their groups.
5. Any student that isn't standing in a group of the corresponding answer is out of the game.
6. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 2. Middle Tile Matters

Age group: 9 - 15 years
Time: 25 minutes

Objectives: Students develop their mathematical skills in this fun maths puzzle.
Materials required: Worksheets for students.

## Procedure:

1. The students are divided into pairs. Each pair is given a worksheet to work on.
2. The puzzle involves four square grids. Each grid has 9 tiles.
3. Students must put numbers 1 to 8 in the grid in such a way that each side adds up to the middle number.
4. The pair that solves all four grids, wins this fun game.

5. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 3. Digit Detective

Age group: 9-15 years
Time: 25 minutes
Objectives: Students apply their understanding of mathematical concepts.
Materials required: Slideshow containing clues for the digits.

## Procedure:

1. Each student works individually as a detective and finds out the hidden digit with the help of the clues given on the slideshow.
2. There are a total of eight clues which indicate what the number is.
3. The clues are shown to the students in sequence. The teacher mustn't project all the clues at the same time.
4. The student that manages to guess the digit with the help of the least number of clues, wins the game.
5. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 4. Card Maths

Age group: 9-15 years
Time: 25 minutes

Objectives: Students develop their skills of performing quick mathematical operations.

Materials required: Deck of cards.

## Procedure:

1. The students are divided into pairs.
2. A few students are asked to pick a few cards at a random.
3. The teacher then writes the number of each card on the board and puts different mathematical operators between each number.
E.g.: If the cards picked are 7 of spades, 8 of hearts and 5 of clubs, then the teacher will write $7+8-5=$ ? on the chalkboard.

Note: Jack $=11$, Queen $=12, \operatorname{King}=13$ and Ace $=1$.
4. The students then begin solving the mathematical equation on the board.
5. The teacher repeats the same for a greater number of cards and more mathematical operators.
6. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 5. Maths Bingo

Age group: 9-15 years
Time: 25 minutes
Objectives: Students develop their skills of performing quick mathematical operations.

Materials required: LCD Projector

## Procedure:

1. The students have to play this fun game individually.
2. The teacher asks the students to customise their own $8 \times 8$ grid with numbers from 1 to 64 .
3. The rules follow the traditional bingo regulations, except that the students must solve mathematical equations to guess the next number and subsequently strike it off on their bingo card.
4. The teacher selects a number from 1 to 64 and then states a small mathematical equation/question for the students to guess the number.
E.g.: "The next number is the square root of $49 . "$

The answer is 7 .
5. The teacher displays the numbers that have been called out and the questions on the LCD Projector.
6. The first student to get the required number of lines will win.
7. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 6. Add up to 20

Age group: 9 - 15 years
Time: 25 minutes

Objectives: Students develop their skills of performing quick mathematical operations.

Materials required: LCD Projector

## Procedure:

1. Each student must use any whole numbers as many times as they like make each line of the rectangle add up to 20.
2. Student that completes the activity first, wins.

3. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 7. Un-Scrambled

Age group: 9 - 15 years
Time: 25 minutes

Objectives: Students develop their understanding of subject specific concepts.
Materials required: Worksheets containing list of subject specific scrambled words.

## Procedure:

1. The students are divided into pairs. Each pair is given a worksheet to work on.
2. Each worksheet will contain a list of subject specific concepts or terms.
E.g.: Science: - NOITCEPRAIPI = PRECIPITATION

Maths: - CAGEDON = DECAGON
3. The students then unscramble all the words in the list within a given time duration.
4. Once the time is up, the teacher then asks each pair to answer one word from the list. The pair must also define what the word or the term is.

## E.g.: DECAGON

5. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.
6. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 8. Last Number Standing

Age group: 9-15 years
Time: 25 minutes

Objectives: Students apply their understanding of mathematical concepts.
Materials required: LCD Projector.

## Procedure:

1. Teacher displays the below image on the screen.
2. If a number in one of the balloons is included in the answers to the four problems below then that balloon will fly away.
3. The students must find out which balloon is left.
4. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.


## 9. Code Word

Age group: 9 - 15 years
Time: 25 minutes
Objectives: Students develop their understanding of important definitions.
Materials required: Worksheets with code words.

## Procedure:

1. The students are divided into pairs. Each pair is given a worksheet to work on.
2. On each worksheet, is a decoder wherein each alphabet is represented by a certain number.

## THE DE-CODER

| A | B | C | D | E | F | G | H | I | J | K | L | M |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| N | 0 | P | Q | R | S | T | U | V | W | X | Y | Z |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

3. Below the decoder are few statements wherein the alphabets are replaced by the numbers.
4. Using the decoder, students must decode the statements and then justify if the statements are true or false.
5. First pair of students that crack the code, win this fun activity.
6. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## 10. Twenty questions

## Age group: 9-15 years

Time: 25 minutes
Objectives: Students learn about subject specific terms and concepts.
Materials required: Flash cards.

## Procedure:

1. The teacher divides the class into two groups.
2. Each group is given a flash card with a movie character/music artist/ sport athlete on it.
3. The other group must guess the character by asking questions to the group such as the nationality of the person, their appearances, their age etc.
4. The group who will answer the questions must give accurate answers so that the opposing group can answer the questions correctly.
5. Once both groups have done this and guessed the characters, repeat the activity with the help of subject specific terms.

## E.g.: "Global Warming"

Questions: "Is it related to science?", "Is it bad for the environment?" etc.
6. The teacher can then use this game to introduce topics to students or use it as form of assessment after covering a certain concept.

## School Assembly Report

## Assembly for Republic Day 2021

We conducted the assembly for the $72^{\text {nd }}$ Republic Day of India. The assembly began with the introduction to the event given by a teacher. The chief guest along with the headmistress was then escorted towards the National Flag. This was then followed by the hoisting of the National Flag and then the National Anthem.

Casey Fernandes gave a brief introduction about the chief guest and her achievements as a rosarian. The chief guest of the celebration, Dr. Mrs. Edlyn Rodrigues addressed the gathering and urged the students to be responsible and honest citizens of the country. She spoke about how the students need to bring about the change in the society.

We presented a patriotic song, "Tujhe Namaami Ho". I played the guitar and sang while my companions sang along. Cherlyn Fernandes presented a speech highlighting the importance of Republic Day. We also made a short video that spoke of a few facts about Republic Day. This video was sent to all the students who could not attend the Republic Day celebrations.


## Assembly on $10^{\text {th }}$ February 2021

We conducted an assembly for the students of class 10 on the theme "Humility". I prepared a PowerPoint presentation with quotes on humility and lyrics to a few songs. The assembly consisted of an introduction, a story that highlighted the importance of humility in the life of a teacher and a student, the song Refiner's Fire, Mother Teresa's Humility List and a thought for the day.


Assembly on $19^{\text {th }}$ February 2021
We conducted an assembly for another division of class 10 on the theme "Gratitude". The assembly consisted of an introduction, a story about the importance of being grateful, the song Lord, I Need You and a thought for the day. I prepared a PowerPoint presentation with illustrations for each scene of the story. I played the guitar and sang the song while the students also sang along.


## Assembly on Women's Day

We conducted an assembly on March 8, to help students understand the importance of Women's Day. The assembly began with a short prayer service and was then followed by the headmistress addressing the students. A week earlier, a few students were interviewed and asked who were their female role models. I compiled these interviews and made it into a video that included names of other famous women such as Ligia Noronha, the Indian Economist and UN Assistant Secretary-General who has made the school, the state and the country proud.

We also prepared a Kahoot Quiz for the students to answer. The quiz covered topics such as importance of Women's Day and women who have excelled in various fields across the globe.


## Way of The Cross

Every Friday, during Lent, the teaching and nonteaching staff would participate in the Way of The Cross which was carried out within the campus, in the absence of students and by maintaining social distancing.

We were asked to prepare crosses to mark the stations of The Cross. I designed and illustrated the crosses which we then pasted onto cardboards so that it remained rigid.


We were also asked to prepare the liturgy for the Way of The Cross. We prepared the liturgies in English as well as Konkani. We made it a point to include the Word of God, a reflection and a prayer for each station. I also selected a few hymns in English and Konkani. I played the guitar while all the other teachers sang along. We made sure to include most of the staff in the Way of The Cross and so we assigned a station to each staff member every Friday. The teaching and non-teaching staff were always cooperative and ever willing to participate in the liturgy.


## Roce Ceremony

On the $7^{\text {th }}$ of April, the faculty organised a Roce Ceremony for a teacher who was going to get married in a few days. The entire celebration was conducted in the absence of the students and by following strict SOPs within the school quadrangle.

We decorated the quadrangle with flowers of different colours. Each teacher was given a garland of a specific colour to wear during the celebration. We prepared a simple Emoji Bingo that the teachers enjoyed playing. The bingo tickets were designed and created by us. The teachers were divided into teams based on the colour of their garlands and they then participated in a treasure hunt competition.

We also designed a backdrop for the Roce Ceremony to add colour to the celebration. We also prepared a simple photobooth so that the teachers could clicks some pictures.

The teachers also prepared a Mando along with Dulpods to entertain the staff members. I played the guitar to accompany the teachers as they sang. Sir Amul also played the Ghumot along with me.

## Exam Supervision

We were also asked to supervise during the term exams of the students of class 9 as well as the prelims exams of class 10 students.

The following are the dates and time of supervision:

| Date | Time | Class |
| :--- | :--- | :--- |
| $24 / 02 / 2021$ | $08: 30-09: 00$ | VIII B |
| $01 / 03 / 2021$ | $09: 00-09: 30$ | IX A |
| $02 / 03 / 2021$ | $08: 30-09: 30$ | Hall |
| $18 / 03 / 2021$ | $08: 30-09: 00$ | IX A |
| $19 / 03 / 2021$ | $08: 30-09: 00$ | Hall |
| $27 / 03 / 2021$ | $10: 15-10: 30$ | VIII A |
| $30 / 03 / 2021$ | $08: 30-11: 00$ | VIII A |
| $08 / 04 / 2021$ | $08: 30-10: 30$ | VIII C |
| $10 / 04 / 2021$ | $08: 30-09: 30$ | VIII C |

## Work with the community campaign

Nurture a plant
We planted a Crown of Thorns (Euphorbia milii) plant which has a densely spiny stem. It has fleshy green leaves and the flowers are small and reddish pink in colour.
The plant was watered daily and we requested the gardener to water the plant after we leave the school to which he gladly agreed.

## Table Tennis practices

The staff of the school were preparing for an inter-school staff tournament and they asked me if I could help them practice Table Tennis. We would practice during recess and since the students weren't in school it was easier to play.

## Collection of exam papers and distribution of tablets

On $13^{\text {th }}$ February and $15^{\text {th }}$ February, we had to collect answer papers of students from classes V to VIII. We were in charge of collecting papers of class VI on day 1 and class V on day 2. The parents of the students had to come to school in the morning and drop their child's paper into the respective boxes.

The parent of the child then had to sign and also collect iron and folic acid supplements as directed by the Government of Goa.

## SCERT Lesson submission in English

I was asked by the English teachers of the school to prepare a lesson video on an English lesson named, 'A Game of Chance' which would be uploaded on the SCERT portal for students across the state to view and learn. This video would be accessible to any student from Goa.

The video was made with numerous animations and illustrations to depict each scene. This project took me more than three weeks to complete. Since it was an English lesson, I had to make sure my pronunciations and grammar was up to the mark. The video was uploaded on $30^{\text {th }}$ March 2021 and was checked by the English subject teacher before it was submitted to the SCERT for approval.



## A Game of Chance video link

https://drive.google.com/file/d/1kNT7zSIutvzfvdGbMkb8f9eTlYb9BhoY/view? usp=sharing

## Bulletin Board Display

One of the best means to impart knowledge, ideas, information is to display it on a bulletin board. An idea needs to be displayed in such a way that it is legible and at the same time is artistically pleasing. This not only catches the students' attention, but it also helps them remember the information for longer periods of time.

## $26^{\text {th }}$ January 2021 Republic Day

My colleagues and I created a bulletin board poster depicting the national bird of India, the peacock. The tail of the peacock was decorated with flowers in the colours of the tricolour. The flowers were made of paper and were stuck to the background. We also placed a flag in the background with the words "Happy Republic Day" written on it.

An illustration of the Constitution of India was also designed and placed on the bulletin board to remind the students of our constitutional rights.

We also decorated the base of the flag pole with flowers in the colours of the tricolour. We also created a beautiful design and wrote the number " 72 " with the flowers to highlight that this is India's $72^{\text {nd }}$ Republic Day celebration.


## $28^{\text {th }}$ February 2021 National Science Day

We created a photobooth for the teachers and students. The black frame for the photobooth was decorated with illustrations of elements of science such as DNAs, microscopes, microorganisms, planets and atoms. The backdrop for the photobooth was decorated with colourful circles and different planets of the solar system.

We had made props for the photobooth as well but due to the pandemic, we decided to not keep this to avoid physical contact.


## $3^{\text {st }}$ March 2021 Class 10 students' farewell

We were asked to make a photobooth based on the theme "Believe you can shine". We designed a frame with emojis in the shape of stars on it, emphasizing how the students should shine like stars in the world. For the backdrop, we decorated the blackboard with colourful strips of paper.


## SCIENCE TEST PLANNING

## Weightage to contents

| Serial <br> Number | Sub Units | Percentage | Marks |
| :--- | :--- | :--- | :--- |
| 1 | Nutrition in Plants | 15 | 3 |
| 2 | Fibre to Frabric | 15 | 3 |
| 3 | Acids, Bases and Salts | 10 | 2 |
| 4 | Soil | 25 | 5 |
| 5 | Physical and Chemical <br> Changes | 15 | 3 |
| 6 | Heat | 20 | 4 |
| Total: |  | 100 | 20 |

## Weightage to objectives

| Serial <br> Number | Objective | Percentage | Marks |
| :--- | :--- | :--- | :--- |
| 1 | Remembering | 15 | 3 |
| 2 | Understanding | 40 | 8 |
| 3 | Applying | 35 | 7 |
| 4 | Skill | 10 | 2 |
| Total: |  |  | 20 |

## Weightage to item format

| Serial <br> Number | Items | Percentage | Marks |
| :--- | :--- | :--- | :--- |
| 1 | Essay | 35 | 7 |
| 2 | O. Se. | 20 | 4 |
| 3 | O.Su. | 35 | 7 |
| 4 | O. Cd. | 10 | 2 |
| Total: |  | 100 | 20 |

Weightage to difficulty level

| Serial <br> Number | Difficulty Level | Percentage | Marks |
| :--- | :--- | :--- | :--- |
| 1 | Easy | 30 | 6 |
| 2 | Average | 50 | 10 |
| 3 | Difficult | 20 | 4 |
| Total: |  | 100 | 20 |

Blueprint

| ObJECTIVES CONTENT | KNOWLEDGE |  |  | UNDERSTANDING |  |  |  | APPLYING |  |  |  | SKILL |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{c\|c} \mathrm{E} & \begin{array}{c} \mathrm{O} . \\ \mathrm{Se} . \end{array} \end{array}$ | $\underset{\mathrm{S}}{\mathbf{o}}$ | O. <br> Cd. | E | $\underset{\text { S. }}{\mathbf{o}}$ | $\underset{\mathrm{S}}{\mathbf{o}}$ | O. <br> Cd. | E | $\underset{S}{\mathbf{O}}$ | $\begin{gathered} \text { O. } \\ \text { Su. } \end{gathered}$ | $\begin{aligned} & \mathbf{O} . \\ & \mathbf{C} \end{aligned}$ | E | $\begin{aligned} & \text { o. } \\ & \text { Se. } \end{aligned}$ | $\begin{gathered} \text { O. } \\ \mathbf{S} . \end{gathered}$ | O. Cd. |  |
| Nutrition in Plants |  |  |  |  |  |  |  |  |  | 1 |  |  |  | 2 |  | 3 |
| Fibre to Frabric | 1 |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  | 3 |
| Acids, Bases and Salts |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Soil | 1 |  |  |  |  | 2 | 2 |  |  |  |  |  |  |  |  | 5 |
| Physical and Chemical Changes |  |  |  |  |  |  |  |  | 1 | 2 |  |  |  |  |  | 3 |
| Heat | 1 |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  | 4 |
| Sub Total | 3 |  |  | 4 |  | 2 | 2 | 3 | 1 | 3 |  |  |  | 2 |  |  |
| Total | 3 |  |  | 8 |  |  |  |  | 7 |  |  | 2 |  |  |  |  |

## Question Paper

OUR LADY OF THE ROSARY HIGH SCHOOL, DONA PAULA - GOA

## Science Test

Name:
Roll No.:
Std: VII
Div.:

Time: 30 mins
Max marks: 20
Q. 1. A. Select and write the most appropriate alternative from those given below each statement.

Breaking down of rocks by wind, water and climate is called $\qquad$ .
i) Percolation
ii) Erosion
iii) Weathering
iv) Humus
B. Describe any two methods to prevent iron articles from rusting.
C. State two differences between acids and bases.
Q. 2. A. Select and write the most appropriate alternative from those given below each statement.

The process of removing the fleece of the sheep from its body is called $\qquad$ .
i) Sorting
ii) Shearing
iii) Scouring
iv) Reeling
B. Define Saprotrophic Nutrition.
C. Give reasons for the following.
i) We wear light coloured clothes in the summer.
ii) We wear woollen clothes in the winter.
Q. 3. A. Complete the following pair.

Melting of ice : Physical change :: Burning of Magnesium Ribbon : $\qquad$
B. Draw a neat labelled diagram of the stomata.
C. Briefly describe the process of reeling of silk.
Q. 4. A. Select and write the most appropriate alternative from those given below each statement.

An example of an insulator is $\qquad$ .
i) aluminium
ii) copper
iii) iron
iv) plastic
B. Identify the various layers of soil from the figure given below.

C. Briefly explain why loamy soil is best for growing plants.

## Marking Scheme

| Question <br> Number | Value Points | Marks | Total |
| :---: | :---: | :---: | :---: |
| Q.1. A. | iii | 1 | 5 |
| Q.1. B. | One way is to apply a coat of paint or grease. These coats should be applied regularly to prevent rusting. <br> Another way is to deposit a layer of a metal like chromium or zinc on iron. This process of depositing a layer of zinc on iron is called galvanisation | 1 1 |  |
| Q.1. C. | Acids Bases <br> Acids are sour in taste Bases are bitter in taste <br> Acids turn blue litmus paper to Bases do not change the <br> red in colour. colour of blue litmus paper. <br> Acids do not change the colour of Bases turn red litmus paper <br> red litmus paper. to blue in colour. <br> Acids do not change the colour of Bases change the colour of <br> turmeric. turmeric to red. | $\begin{aligned} & 1 / 2 \\ & 1 / 2 \\ & 1 / 2 \\ & 1 / 2 \end{aligned}$ |  |
| Q.2. A. | ii | 1 | 5 |
| Q.2. B. | The mode of nutrition in which organisms take in nutrients from dead and decaying matter is called saprotrophic nutrition. | 1 |  |
| Q.2. C. | Light coloured clothes reflect most of the heat that falls on them and, therefore, we feel more comfortable wearing them in the summer. <br> Wool is a poor conductor of heat. Moreover, there is air trapped in between the wool fibres. This air prevents the flow of heat from our body to the cold surroundings. So, we feel warm. | $\begin{aligned} & 1_{1 / 2} \\ & 1_{1 / 2} \end{aligned}$ |  |
| Q.3. A. | Chemical change | 1 | 5 |
| Q.3. B. |  | 2 |  |
| Q.3. C. | The process of taking out threads from the cocoon for use as silk is called reeling the silk. <br> Reeling is done in special machines, which unwind the threads or fibres of silk from the cocoon. <br> Silk fibres are then spun into silk threads, which are woven into silk cloth by weavers. | 1 <br> $1 / 2$ $1 / 2$ |  |


| Q.4. A. | iv | 1 | $\mathbf{5}$ |
| :--- | :--- | :---: | :---: |
| Q.4. B. | 1. A-horizon | $1 / 2$ |  |
|  | 2. B-horizon | $1 / 2$ |  |
|  | 3. C-horizon | $1 / 2$ |  |
|  | 4. Bedrock | $1 / 2$ |  |
| Q.4. C. | Loamy soil is a mixture of sand, clay and another type of soil part | $1 / 2$ |  |
|  | known as silt. Silt occurs as a deposit in riverbeds. | $1 / 2$ |  |
|  | The size of the silt particles is between those of sand and clay. |  |  |
|  | The loamy soil also has humus in it. | $1 / 2$ |  |
|  | It has the right water holding capacity for the growth of plants. | $1 / 2$ |  |

## Scoring Key

| Question <br> Number | Marks | Answers |  |
| :---: | :---: | :--- | :--- |
| Q.1. A. | 1 | iii |  |
| Q.1. B. | 2 | One way is to apply a coat of paint or grease. These coats <br> should be applied regularly to prevent rusting. <br> Another way is to deposit a layer of a metal like chromium or <br> zinc on iron. This process of depositing a layer of zinc <br> on iron is called galvanisation |  |
| Q.1. C. | 2 | Acids <br> Acids are sour in taste <br> Acids turn blue litmus paper <br> to red in colour. <br> Acids do not change the <br> colour of red litmus paper. <br> Acids do not change the <br> colour of turmeric. | Bases <br> Bases are bitter in taste <br> Bases do not change the colour <br> of blue litmus paper. <br> Bases turn red litmus paper to <br> blue in colour. <br> Bases change the colour of <br> turmeric to red. |
| Q.2. A. | 1 | Qii |  |
| Q.2. B. | 1 | The mode of nutrition in which organisms take in nutrients <br> from dead and decaying matter is called saprotrophic nutrition. |  |
| Q.2. C. | 3 | Light coloured clothes reflect most of the heat that falls on <br> them and, therefore, we feel more comfortable wearing them in <br> the summer. <br> Wool is a poor conductor of heat. Moreover, there is air <br> trapped in between the wool fibres. This air prevents the flow <br> of heat from our body to the cold surroundings. So, we feel <br> warm. |  |
| Q.3. A. | 1 | Chemical change |  |
|  |  |  |  |


| Q.3. B. | 2 | The process of taking out threads from the cocoon for use as <br> silk is called reeling the silk. <br> Reeling is done in special machines, which unwind the threads <br> or fibres of silk from the cocoon. <br> Silk fibres are then spun into silk threads, which are woven <br> into silk cloth by weavers. |
| :---: | :---: | :---: |
| Q.3. C. | 2 | Qiver <br> Q.4. A. <br> Q.4. B.$\quad 2$ |
| Q.4. C. | 1. A-horizon <br> 2. B-horizon <br> 3. C-horizon <br> 4. Bedrock |  |
| Loamy soil is a mixture of sand, clay and another type of soil pa <br> known as silt. Silt occurs as a deposit in riverbeds. <br> The size of the silt particles is between those of sand and clay. <br> The loamy soil also has humus in it. <br> It has the right water holding capacity for the growth of plants. |  |  |

## Question wise analysis

| Question <br> Number | Objective | Specification | Sub- <br> unit | Item <br> type | Marks | Time <br> (mins) | Difficulty |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Q.1. A. | Knowledge | Recalls | 4 | O. Se. | 1 | 0.5 | Easy |
| Q.1. B. | Applying | Explains | 5 | O. Su. | 2 | 3 | Easy |
| Q.1. C. | Understanding | Differentiates | 3 | E | 2 | 3.5 | Average |
| Q.2. A. | Knowledge | Recalls | 2 | O. Se. | 1 | 0.5 | Easy |
| Q.2. B. | Applying | Defines | 1 | O. Su. | 1 | 2 | Easy |
| Q.2. C. | Applying | Explains | 6 | E | 3 | 4 | Difficult |
|  |  |  |  |  |  |  |  |
| Q.3. A. | Applying | States | 5 | O. Se. | 1 | 1 | Easy |
| Q.3. B. | Skill | Draws | 1 | O. Su. | 2 | 3.5 | Average |
| Q.3. C. | Understanding | Describes | 2 | E | 2 | 3.5 | Average |
|  |  |  |  |  |  |  |  |
| Q.4. A. | Knowledge | Recalls | 6 | O. Se. | 1 | 2 | Difficult |
| Q.4. B. | Understanding | Identifies | 4 | O. Cd. | 2 | 3 | Average |
| Q.4. C. | Understanding | Explains | 4 | O. Su. | 2 | 3.5 | Average |

## MATHEMATICS TEST PLANNING

## WEIGHTAGE TO CONTENT

| UNITS | PERCENTAGES | MARKS |
| :--- | :---: | :---: |
| Knowing our numbers | 35 | 7 |
| Whole numbers | 30 | 6 |
| Basic geometrical ideas | 35 | 7 |

## WEIGHTAGE TO OBJECTIVES

| OBJECTICES | PERCENTAGES | MARKS |
| :--- | :---: | :---: |
| Remembering | 20 | 4 |
| Understanding | 40 | 8 |
| Applying | 25 | 5 |
| Skill | 15 | 3 |
|  | 100 | 20 |

## WEIGHTAGE TO ITEMS

| ITEMS | PERCENTAGES | MARKS |
| :--- | :---: | :---: |
| Essay | 15 | 3 |
| Objective - select | 20 | 4 |
| Objective - supply | 65 | 13 |
| Objective context <br> dependent | - | - |
|  | 100 | 20 |

## BLUEPRINT

| OBJECTIVES | KNOWLEDGE |  |  | UNDERSTANDING |  |  | APPLICATION |  |  | SKILL |  |  | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Items | E | Ose | Osu | E | Ose | Osu | E | Ose | Osu | E | Ose | Osu |  |
| Content |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 |  | 1 | 1 | 1 |  | 1(2) | 2 |  |  |  |  |  | 7 |
| 2 |  |  |  |  | 1 |  |  |  | 1,2 |  |  | 2 | 6 |
| 3 |  | 1 | 1 |  |  | $\begin{gathered} 1(3), \\ 1 / 2(2) \end{gathered}$ |  |  |  |  |  | 1 | 7 |
| Sub - total |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL |  | 4 |  |  | 8 |  |  | 5 |  |  | 3 |  | 20 |

## QUESTION PAPER Our Lady of The Rosary High School, Dona Paula - Goa

## Subject: Mathematics

Class: VI
Marks: 20
Q.I.A. Select the correct alternative from those given below and complete each statement

1. Successor of 1999 is $\qquad$
(1998, 2000, 2001, 9999)
B.1. Write the following numbers in descending order.

2465, 8, 1648, 4518
2. Write the greatest 4-digit number using the digits $3,4,0$ and 1 only once.
3. Given below is a number in words. Write it in figures placing the commas correctly.

Fifty million eight hundred one thousand five hundred ninety-two
C. 1 Round off the nearest hundred and estimate.
$27,935+768$
2. Complete the following

1 million = $\qquad$ lakh (100, 10, 1000)
3. Sonu sold 16 pens on Monday and 20 pens on Tuesday. If the cost of each pen was Rs. 5, how much did he earn on both the days.
D.1. Using a number line, find the solution of any one of the problems
a) 7-5
OR.
a) $3+4$
Q.II.A. Select the correct alterative from those given below and complete each statement

1. A region in the interior of the circle enclosed by an arc on one side and a pair of radii on the other two sides is called a $\qquad$ (segment, circumference, sector, diameter)
B.1. How many lines can pass through one given point?
2. Observe the figure given below and answer the questions that follows (Do not copy the figure)

3. Name the side adjacent to side EH forming $\angle \mathrm{HEF}$
4. Name the angle opposite to $\angle \mathrm{EFG}$
C.1. Draw a pair of parallel lines and name them.
5. Observe the figure given below and answer the questions that follows:

i. What is line segment OR called?
ii. Which chord is the diameter of the circle?
6. Name the polygon given below according to the number of sides
(Do not copy the figure)

D. 1) Find the value of
$297 \times 53297 \times 47$
2) Find the following using the distributive property.
(2) $225 \times 102$

## Answer key

Q.I.A.

1. 2000
B. 1. $4518 ; 4458 ; 1999 ; 1998$
2. 4310
3. $50,801,592$
C. 1. 27,935 rounds off to 27900
+768 rounds off to +800
Estimated sum $=$
28700
4. 1 million $=$ $\qquad$ 10 lakh
5. Pens sold on Monday $=16$ pens

Pens sold on Tuesday $=20$ pens
Total pens sold $=36$ pens
Cost of one pen $=$ Rs. 5
Cost of 36 pens $=36 \times 5$

$$
\text { = Rs. } 180
$$

Sonu earned Rs. 180 on both the days.

## D.1.

a) $3+4=7$

a) $7-5=2$


## Q.II.A

1. A region in the interior of the circle enclosed by an arc on one side and a pair of radii on the other two sides is called a $\qquad$ sector $\qquad$
B.1. Infinite lines can pass through one given point.
2. i) Side EF
ii) $\angle \mathrm{GHE}$
C.1.

3. i) Radius
ii) PQ
4. Pentagon.
D.1) $\quad 297 \times 53297 \times 47=297 \times(53+47)$

$$
\begin{align*}
& =297 \times 100  \tag{1}\\
& =29700
\end{align*}
$$

2) 

$$
\begin{align*}
225 \times 102 & =225 \times(100+2)  \tag{2}\\
& =225 \times 100+225 \times 2 \\
& =22500+450 \\
& =22950
\end{align*}
$$

## Photo Gallery

Internship companions


Headmistress of the school, Sr. Antonieta Colaco


## School Campus



## Republic Day







Republic Day Video


## Video link

https://drive.google.com/file/d/1Qm9fpCv6MjSfxH8MFSJ h3-
1XWum 1L6/view? usp=sharing

Ash Wednesday


## National Science Day




National Science Day Quiz on Kahoot



## Women's Day



## Women's Day Quiz



|  | When is the International Women's Day celebrated worldwide? |
| :--- | :--- |

## Way of The Cross



## Class 10 Farewell




## Roce Ceremony





Table Tennis Practices


## Plant a sapling



Lesson Presentation Slides


The area of a rectangular notebook is 72 sq cm and its length is 9 cm . What is the breadth of the notebook?

$$
\begin{aligned}
& \text { Solution: } \\
& \text { Area }=\text { length } \times \text { breadth } \\
& \text { Breadth }=\frac{\text { Area }}{\text { ength }} \\
& b b=\frac{72}{9} \\
& b=8 \mathrm{~cm}
\end{aligned}
$$

## What did Thomson propose?

Thomson proposed that:
(i) An atom consists of a positively charged sphere and the electrons are embedded in it.
(ii) The negative and positive charges are equal in magnitude. So, the atom as a whole is electrically neutral.



## Reflection and Suggestions

## Thoughts on the internship

The four-week internship programme has been an amazing experience, right from the first day to the last. Throughout the course of the internship programme, I tried to teach the students as much as I could, but more importantly, I was the one who ended up learning more than I could have ever imagined.
Being an intern taught me that a teacher isn't supposed to only teach students a subject and be done with it. Instead, a teacher has to take on responsibilities of helping students with their mental health, help students recognise their skills and challenges, counsel them, know their difficulties and make sure they are looked after even at their homes.

When needed, a teacher will also have to take responsibilities for raising funds for the schools, staging student talent, arrange for refreshments, accompany children for competitions, perform on stage, decorate classrooms and many more tasks that are important in the functioning of a school.
Another important thing I learned during the internship is cooperation and coordination. Me and my peers had to constantly coordinate with each other to make sure that the activities, events and tasks were completed in a timely and organised manner. I learned how important teamwork was in overcoming challenges faced by us.

## A different kind of internship

Amidst the pandemic, we experienced a completely different pandemic. And with this pandemic, there came a lot of difficulties.
Here are my experiences:

1. A school is not a school without its students.

When the students aren't on campus, a school is simply a building, even if the teachers are present in it. The daily hustle and bustle, children playing sports, repeating multiplication tables, playing instruments, making science models, conducting experiments, running around during recess and everything they do make a school a place full of joy and excitement. But during this lockdown, most students weren't allowed to come to school and so everything seemed quiet.

## 2. Its never too late to learn.

With the lockdown, a lot of teachers had to begin with online teaching. When I joined the school, I was a little uncertain if the teachers, especially the older ones, would be able to adapt to this method. But to my pleasant surprise, every teacher could easily record videos and take live online classes on platforms like Zoom and Google Meet. The teachers would also seamlessly upload additional sources of media and information on Google Meet so that the students could refer to this at their own pace and convenience.

The teachers also began using additional devices such as tablets with styluses so that they could solve mathematical problems in real time.
3. Safety is key.

During the pandemic, students of class 9 and class 10 would come to school so that they could clear any doubts regarding the concepts with the teachers in the physical classrooms. In these times, it was crucial that the staff of the school maintained and followed all SOPs and social distancing protocols to ensure the safety of students. Every morning, the multitasking staff made it a point to check the temperatures of students and to remind the students to sanitise their hands before entering the school. In the classrooms, the students were made to sit at a distance of six feet away from each other. All students and teachers had to wear their masks on at all times.

## 4. Online examinations

Since the students had to be assessed on how much they have understood over the course of the year, the teachers had to prepare various assessment tools to evaluate their students. The teachers created online quizzes, games, Google Forms and online question papers for the students to answer.

## Thoughts on the internship school

One of my favourite things about Our Lady of The Rosary High School, Dona Paula is the breath-taking view of the sea from plateau. The environment here is perfect for learning because it is nestled away from the hustle of the city, and the astonishing view from up there could sooth any troubled mind.
The school had a really good infrastructure with top class facilities that were well utilised by the students. Each class was equipped with an LCD projector, a slidedown screen and a loud speaker all of which could be connected to the laptop. This made the teaching-learning process easier and much better because integrating technology into education meant that students could benefit from audio-visual methods of learning.

The school prayer hall also was equipped with a Smart Board. This takes the role of technology in education to a higher level because of its varied uses. The school also had a massive playground that is being developed into a sports stadium. The school has an additional basketball court. This is a massive boost to a school that already boasts of producing exceptional sportspersons year after year.

## Thoughts on the school staff

I have learned so much in this period of one month from some highly experienced teachers from this institution. The teachers here have so much knowledge and values to impart. By their words and deeds, they make sure people around them take only the good they have to offer. Here are a few things I learned:

- Patience: The teachers were patient with everyone around them and it could be noticed in the way they responded to students and teachers.
- Kindness: Everyone had queries regarding technology and other aspects and it was important that everyone was kind to everyone around them.
- Punctuality: Every staff member in the institution were punctual and this sure does make a difference.
- Humility: Being experienced teachers, they were always so down to earth to everyone.
- Energetic: Despite the lockdown, the teachers were always energetic to conduct activities for the faculty and the students on campus, while maintaining all SOPs.
- Calmness: The teachers would handle tough situations so calmly. Makes you wonder how they do it so effortlessly.
- Firmness: The teachers would be firm with the students at all times. This helped them gain authority over the pupils and thus control the class and school environment.
- Respectful: The teachers were respectful to everyone right from the principal to the janitor. This created a big impression on me.


## Conclusion

This internship programme shed light on how a teacher needs to adapt to any situation and make the most with what they have so that the student never stops learning, even in a pandemic.

All in all, the internship programme is fundamental for an aspiring teacher. It gives you a great opportunity to face the challenges that arise in a school and classroom environment.

## SAMPLE FILE - INTERNSHIP FILE <br> Government High School Gaval Khol <br> Canacona Goa



January $4^{\text {th }} 2020$ - April $24^{\text {th }} 2021$

Teacher Trainee :- Prajyoti Dessai
Roll no. :- 21
S.Y.B.Ed. (2019-2021)

Nirmala Institute of Education
Altinho - Goa

## Acknowledgement

I take this opportunity to express my profound gratitude and deep regards to thank our officiating Principle Dr. Sr. Delia Antao and I would also like to thank our method masters in mathematic (Miss Ximena Fonseca and Miss Pratiksha Shirodkar) for their exemplary guidance, monitoring and constant encouragement throughout the course of this Internship.

The blessings, help and guidance given by them time to time shall carry me a long way in the journey of life on which I am about to embark. I express my warm and deep senses of gratitude to the Headmaster of a Government High school, Gaval khol Canacona, Sir Jotibha Malik whose encouragement and guidance given throughout, made my Internship successful.

I am greatly thankful to Sir Antonio Colaco, our mentor at the school, for giving necessary advise and guidance throughout this Internship. I would sincerely like to thank the teaching and non - teaching staff of Government High School, Gaval Khol Canacona for their kind coopeartion.

Lastly I thank almighty and my Internship colleagues Miss Shidhi Dessai for helping me to complete the Internship.

# About the school <br> Government High School, Gaval - Khol <br> Canacona Goa 

Government High School, Gaval khol was established in 1988 and it is an institution for both girls and boys also for special students. It is managed by the department of education. It is located in rural area of Canacona block of south Goa district. The school consists of grades from 5 to 10. The school is co-educational and it does not have an attached pre-primary section. The medium of instruction is in English language.

The school has government building of 8000 sq. Metres of land with well- developed playground and a hall to conduct school function. The school has a library and has 3310 books in its library. In 2009 this school was considered to get the credit of being the first government high school in Canacona taluka to get 100 percent result in the last 4 years. The school also opted for the prevocational subject like basic cookery, home vegetation, tourism and hospitality and word processing.


Government High School, Gaval-Khol ,Canacona, Goa

## Assembly report

The B.Ed. teacher trainee conducted the assembly on $26^{\text {th }}$ january 2021 with the students of class $9^{\text {th }}$ outside the school office in the presence of $9^{\text {th }}$ class teacher.

The students were selected for the assembly in advance and were informed about their roles. Several practices were taken after the last period. The vice principal sir Jagdish Bandhari deligently supported us to allot task to the students. The elements of the assembly included the morning prayer, thought for the day, konkani patriotic group song, speech by student of std IX, Hindi group dance, quiz competition, and a speech of the vice principal.

Comparer for the assembly was myself Prajyoti Dessai and my colleague internship teacher trainee Miss Shidhi Dessai. The assembly began with a short morning prayer song. After the morning prayer song, Master Sadashiv Chari said the short speech on nation. After this speech a group of std IX students sing a konkani patriotic song on nation. The konkani patriotic song " Bharat majo desh, Mahan majo desh and Hindi dance ' Desh rangila , Desh rangila $\qquad$ .was dedicated to pay respect to our country. Finally the Vice principal sir Jagdish Bandhari gave a speech on our country.

The assembly concluded with Jana Gana Mana. The assembly was conducted maintaining social distance. The assembly was a success.



For Republic day, the B.Ed. teacher trainee were asked to decorate the bulletin board at the Government High School, Gaval Khol on the theme of republic day. We the two teacher trainee Miss Shidhi Dessai and Myself Miss Prajyoti Dessai came together and shared our ideas and discussed about the bulletin board. We decorated the board with a chart consisting of Babasaheb Ambedkar photo in the centre, wrote constitution of India on top right side of the chart, displayed a picture of march-past on the top left corner of the chart and wrote two lines on $1^{\text {st }}$ president of India Dr. Rajendra prasad. Our work was appriciated by headmaster, teachers and also the students.

## Science day Bulletin board display



For Science day, the B.Ed. teacher trainee were asked to decorate the bulletin board at the Government High School, Gaval, Khol, Canacona .Our bulletin board was focused on National Science day. We decorated the bulletin board with a chart displaying some science facts, recent news article based on science and picture of sir C.V Rama with some lines on him. We also wrote a motivational slogan on Science ' Think like a proton, Be positive'. Our work was appreciated by the Headmaster, teachers and also the students.

## Republic day ( $\mathbf{2 6}^{\text {th }}$ January 2021) programme

On $26^{\text {th }}$ January 2021, a republic day programme was conducted by my internship teacher trainee Miss Shidhi Dessai and myself ( Miss Prajyoti Dessai ) in government high school gaval, khol, Canacona Goa. The elements of the programme included the konkani national song, Hindi dance ( Desh rangila rangila....) and a speech given by student of std IX. The Vice principal sir Jagdish Bhandari diligently supported us to allot the task to the student's.

The song ' Bharat majo desh, Mahan majo desh 'was dedicated to pay the respect to our country on republic day. 7 students from std IX has participated for the konkani song and a music teacher Sir Kusta and sir shankar has added the beauty to the song by playing the musical instrument like Tabla and Peti.


Students of std IX singing konkani song
' Bharat majo desh, Mahan majo desh'

Internship teacher trainee miss shidhi dessai and myself has also taught the students a Hindi dance ( desh rangila rangila.... ) to the IX std students. 3 Students has participated in this dance. We took practice for 3 days and we taught them different steps to perform this dance. White flowers in the girls hair and white kurta with leggings has added the beauty to the dance.


Students performing a dance on Republic day


## Science day programme

Science day in government high school gaval khol Canacona was held on $2^{\text {nd }}$ March 2021.The science teachers Miss Ritu mudkudkar,Miss Varda Tengse along with the B.Ed. teacher trainee Miss Prajyoti dessai and myself were the organisers of the programme.

The practices had been started from 22 ${ }^{\text {nd }}$ February 2021 and the B.Ed. teacher trainees took the responsibilities of Dance, song and Konkani skirt.

We had to follow all the SOPs so we had taken only 5 students for the dance. The song we choosed was science rhyme " Edison ne bulb banaya, graham bell ne phone, parpaiye ko kisne khoja hume bataye kaun?". Both of us choreographed the dance. It was of 3 minutes dance. There were total 5 students, 3 students were made to dance and 2 students were shown as scientist in the dance ..At the end principal and other staff members appreciated our work. It was a great pleasant experience to choreograph them.


Student performing a Dance on science day

Next we had song, the practices were held side by. The school music sir Kusta helped us with the musical instruments and also with the song tone. The song was "Sundar Sobhit paryavaran". We gave them the coordination to stand in u shape. The ones who had clear voice were made to stand near mike and two boys were made to stand at both the ends.


Students singing konkani song on environment

Next we had Konkani skirt.We took all together 6 students. The skirt was prepared within 2 days.Our Konkani skit had a message of advantage and disadvantage of mobile phones(technological device).We made students to show three scenes following in the first scene the advantage of phone, in the second scene disadvantage of phone and in the third scene to spread a message of useful of technology in todays life.The skit was appreciated by all staff members.


Students performing a konkani skirt on stage

## Republic Day Quiz competition

An exciting Quiz Competition was conducted by Teacher trainee Miss Shidhi Dessai and myself Miss Prajyoti Dessai on the eve of Republic day held on $26^{\text {th }}$ january 2021. The quiz competition was held in the school premises and was graced with the presence of the principal who welcome the participants and his best wishes for the competition. The quiz competitions was open for both teacher's and students of std ix and x .
In this quiz competition, 10 question based on our country and Republic day were asked to students and teachers. The winner of this quiz competition were 2 senior teachers, Sir Antonio Colaco and Miss Ishaa Colaco and 3 students of std ix and 5 students of std x . The Teacher trainee miss Shidhi Dessai and myself Miss Prajyoti Dessai gave prizes to the winners. The quiz was truely a learning experience for both teacher's and students.


Teacher trainee giving prize to winner of quiz competition Sir Antonio Colaco.

## Science Quiz competition

Quiz Competition was conducted by Teacher trainee Miss Shidhi Dessai and myself Miss Prajyoti Dessai on the eve of Science day held on 4th March 2021. The quiz competition was held in the school hall and was graced with the presence of the principal who welcome the participants and his best wishes for the competition. The quiz competitions was open for students of std ix and $x$.
In this quiz competition 3 rounds were held, $1^{\text {st }}$ round consisting of 5 questions on identifying science equipment , $2^{\text {nd }}$ round consisting of 5 question of naming the sceinfic name of medicinal plants, and $3^{\text {rd }}$ round consisting of 5 question of identifying the scientist. A presentation of the quiz competition was made by me. The winner of this quiz competition were students of std $x$. The Teacher trainee miss Shidhi Dessai and myself Miss Prajyoti Dessai gave prizes to the winners. The quiz was truely a learning experience for both teacher's and students.

## Activity 1

Class :- IX A
Date :-12-3-2020
Period :- $6^{\text {th }}$

## Title :- GESTURE GAME

Objectives :- To develop students acting skills in terms of body language. (Posture, movements, gestures, etc)

Materials required :- Two envelopes consisting of verbs and emotions.
Procedure :- Teacher have two envelopes, one envelope consist of verbs and other envelope consist of emotions. Students have to take one card from each envelope and must perform the gesture. It is simple and very amusing. The students in the audience must guess what the emotion is and what the action is. Whoever guesses correct answer wins a point for their row.

Emotions in envelope 1 - angry/ happy / sleepy / afraid / surprised.
Verbs in envelope 1 - swimming/ hairbrushing /dancing / cleaning/ playing a guitar.

Observation:- The students participated actively in this activity. This activity helps the students in learning verbs and emotions.

## Activity 2

Class :- IX A
Date :- 8-4-2021
Period :- $2^{\text {nd }}$

## Title :- Acting Goan Festivals

Objectives :-

- To develop students acting skills in terms of body language. (Posture, movements, gestures etc)
- To promote team work and cooperation.

Materials required :- List of different goan festivals
Procedure :- Teacher tells students to mime a typical action of a goan festival and students have to act on it.

Observations :- The students enjoyed this activity and they wanted to learn more about the festival of Goa which are celebrated in rural area.

## Activity 3

Class :- IX B
Date :- 10-4-2021
Period :- $3^{\text {rd }}$

## Title :- JUMBLED SENTENCES

Objectives :- To improve students vocabulary in english language and to find meaningful sentence from the jumbled sentence.

Materials required :- Chalkboard, coloured chalks and list of jumbled sentences.

Procedure :- Teachers writes Jumbled sentences on chalkboard and students have to figure out the correct sentence and write it on chalkboard.

Observation :- The students participated enthusiastically in this activity and also they were quick to find the correct sentence from the jumbled sentence.

## Activity 4

Class :- VI A
Date :- 10-4-2021
Period :- $7^{\text {th }}$

## Title :- SPOT THE DIFFERENCE

Objectives :- To increase students observational skills.
Materials required :- Pictures on Interactive white board.
Procedure :- Teacher shows two similar pictures to the students on the laptop in the online meeting and tells students to find a set of number of differences between two displayed pictures on laptop. Student who find all the difference within a given time wins.

Observation :- The students participated actively in this activity. The students were able to spot the maximum differences between two picture within a given time. This activity helped the students to develop their skills of observations.

## Activity 5

## Class :- IX B

Date :- 15-4-2021
Period:- $2^{\text {nd }}$

## Title :- NAME PICTIONARY

Objectives :- To develop students skills in Art.
Materials required :- Chalkboard and coloured chalks.
Procedure :- Teacher tells students to write their names by drawing pictures of objects that start with correct letter. For example, someone with the name AARTI would draw an apple , ant , rabbit , toy and a Icecream. Then students have to group , try to spell and guess each persons name.

Observation :- The students were very enthusiastic about drawing. This activity helped the students in developing their skills and understanding about art.

## Activity 6

Class:-IX B
Date :- 15-4-2021
Period :- $2^{\text {nd }}$

## Title :- Chain spelling

Objectives :- The students will be able to think many new words.
Material required :- Chalkboard and coloured chalks.
Procedure :- Teachers first writes a word on the chalkboard. Students is asked to take the last letter of the word and form another word using the last letter of the previous word such that the last letter of the previous word should be the first letter of the next word. The next student has to repeat the same and this is continued until a student fails to form a word or misspells it.

Observation :- Student were enthusiastic in participating in activity. Whole class participated in this activity and also they wrote words with correct spelling.

## Activity 7

Class :- VI C
Date :- 20-4-2021
Period :- $5^{\text {th }}$

## Title :- WEATHER

Objectives :-

- The students are able to identify different words from the given word.
- The students improve their pronunciation and enrich their vocabulary.

Materials required :- laptop
Procedure :- Teacher writes the word WEATHER on one slide of laptop and ask students to find new words from the letters as many as possible.

Observation :- The students were excited in identifying new words and also they identified many new words from the given word.

## Activity 8

Class :- IX B
Date :- 20-4-2021
Period :- $8^{\text {th }}$

## Title :- SPELLING BEE

Objectives :- To improve students spellings and to increase their vocabulary to learn concepts.

Materials required :- List of spellings
Procedure :- Teacher choose 4-10 Students to stand infront of the class and dictate a spelling word to one participant. If the participant spell the word correctly, she/he remains at the front of the line. If she/he does not spell the word correctly she/he sits down, leaving the competition. Teacher writes each well - spelt word on the board. The participant who remain standing is the winner.

Observation :- The students were able to spell most of the words correctly. Some of the students were not able to spell even simple words. This activity also helped students in learning some spellings of new words.

## Activity 9

Class :- VII B
Date :- 22-4-2021
Period :- $4^{\text {th }}$

## Title :- RIDDLES

OBJECTIVES :- To develop students critical thinking skill.
Materials required :- laptop
Procedure :- Teacher displays one by one riddle on laptop. Teacher made presentation of riddle question on laptop. Students which gives the answer of maximum riddles wins the game.

Some of the Riddle questions are :-

1. I am multicoloured.

I appear after storm.
People always point at me.
Everyone takes my picture.
Legends says there is gold at the bottom of me.
Who am I ?
Answer :- Rainbow.
2. I am papers enemy.

Keep me away from small children.
You use me in art class.
I can change the style of your hair.
Please don't run with me in your hands.
Who am I?
Answer:- Scissor.
3. I will entertain you.

I tell you funny and sad stories.
I am shaped like a cube.
I plug into the wall.
Many people fall asleep watching me.
Answer :- Telivision.

Observation :- The students were excited to answer the riddle asked by the teacher and were involved in the activity. The students tried their best to solve the riddle.

Activity 10
Class :- IX B
Date :- 23-4-2021
Period :- $2^{\text {nd }}$
Title :- $\mathbf{1}$ to 8 NUMBERS
Objectives :- To develop students critical thinking skills.
Material required :- Blank paper and Pen.
Procedure :- Teachers tells students to fill up 1 to 8 numbers in a given boxes in such a way that the box containing the number should not coincide to the box containing alternate number.

Observation :- The students were able to think logically and at the same time they were able to think faster and adding the sense of competition among the students. The students tried many times to get the correct answer.

# Government High School Gaval Khol, Canacona Goa. <br> $2^{\text {nd }}$ Formative Examination 2020-2021 

Subject: Mathematics
Marks: 20
STD : IX
Q.1) Fill in the blanks.
(1 Mark)
A) The operation involved in forming the expression " $y+3$ " is $\qquad$ .
(Subtraction, Addition, Multiplication, Division )
B) Attempt the following .
(2 Marks)

1) Express the linear equation $3 x=11+7 y$ in the form of $a x+b y+c=0$ and write the value of $a, b$ and $c$.
2) The sum of the fathers age is twice the son's age is 70 years. Represent this in the form of linear equation in two variables.
C) Write any three solutions of $3 y+x=8$.
(3 Marks)
D) Draw a graph of the following linear equation on the same graph paper and state the coordinate of their point of intersection.
(4 Marks)
$x-y=5$

| $x$ |  |  |  |
| :---: | :--- | :--- | :--- |
| $y$ |  |  |  |

$2 x+y=4$

| $x$ |  |  |  |
| :---: | :---: | :---: | :---: |
| $y$ |  |  |  |

(Plot atleast three points)
Q.2) A) Fill in the blanks.

1. The angle in semicircle is a measure of $\qquad$。
(1 Mark) ( $30,60,90,180$ )
Q2.B) Attempt the following.
i) $\triangle A B C$ is inscribed in a circle with centre $O$ as
(2 Marks)
shown in the figure. Side $B C$ contains $O$ and $\mathrm{m} \angle \mathrm{ACB}=30^{\circ}$.

Find 1) $m \angle B A C$
2) $m \angle A B C$
ii) In the figure, $\angle A B C=72^{\circ}, \angle A C B=45^{\circ}$,

Find $\angle B D C$.

(2 Marks)

Q 2.C) In given figure $A B C$ are three points on the circle with centre ' $O$ ' such that,
$\angle B O C=27^{\circ}, \angle A O B=37^{\circ}$. If D is the point on the circle other than ABC . Find $\angle A D C$. (2 Marks)


Prove that $M A=M B$.
Proof :
In $\triangle \mathrm{OAM}=\triangle \mathrm{OBM}$
2. $O A=O B$
3. $=$ $\qquad$ Common side
4. $\therefore \triangle \mathrm{OMA} \cong \triangle \mathrm{OMB}$

$\qquad$ $=M B$

Government High School Gaval Khol, Canacona Goa.
$2^{\text {nd }}$ Formative Examination 2020-2021
Subject: Mathematics
Marks: 20
STD : IX
ANSWER KEY

| Q1. A) The operation involved in forming the expression $y+3$ is Addition. |  | (1 Mark) |
| :---: | :---: | :---: |
| Q 1.B) 1) $\begin{aligned} & 3 \mathrm{x}=11+7 \mathrm{y} \\ & 3 \mathrm{x}-7 \mathrm{y}-11=0 \\ & 3 \mathrm{x}+(-7) \mathrm{y}+(-11) \\ & a=3, b=-7, c= \\ & \text { 2) let the sons age be } x\end{aligned}$ |  | (1 Mark) |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  | (1 Mark) |
| let the father's age be 2 y . |  |  |
| $x+2 y=70$ |  |  |
|  |  |  |
| Q 1.C) i) $3 y+x=8$. $\quad$ ( 3 Marks) |  |  |
| $3 y+0=8$ |  |  |
| $3 y=8-0$ |  |  |
| $3 y=8$ |  |  |
| $y=\frac{8}{3}$ |  |  |
|  |  |  |
| $\therefore x=0, \quad y=\frac{8}{3}$ |  |  |
|  |  |  |
| ii) $3 y+x=8$ |  |  |
| Let $x=1$ |  |  |
| $3 y+1=8$ |  |  |
| $3 y=8-1$ |  |  |
| $3 y=7$ |  |  |
| $y=\frac{7}{3}$ |  |  |
|  |  |  |
| $\therefore x=1, \quad y=\frac{7}{3}$ |  |  |
|  |  |  |
| iii) $3 y+x=8$ |  |  |
| Let $x=2$ |  |  |
| $3 y+2=8$ |  |  |
| $3 y=8-2$ |  |  |
| $3 y=6$ |  |  |
| $y=\frac{6}{3}$ |  |  |
| $y=\frac{1}{3}$ |  |  |
| $y=2$ |  |  |
| $\therefore x=2, \quad y=2$ |  |  |
| Q 1. D) $x-y=5 \quad 2 x+y=4 \quad$ (4 Marks) |  |  |
| Let $x=0 \quad$ let $x=0$ |  |  |
| $0-y=5 \quad 2(0)+y=4$ |  |  |
| $-y=5-0 \quad 0+y=$ |  |  |
| $-y=5 \quad y=4-0$ |  |  |
| $y=-5 \quad y=4$ |  |  |
| $\therefore x=0, \quad y=-5 \quad \therefore x=0, y=4$ |  |  |
| Let $x=1$ | Let $x=1$ |  |
|  | $2 x+y=4$ |  |
| $1-y=5$ | $2(1)+y=4$ |  |
| $-y=5-1$ | $2+y=4$ |  |
| $-y=4$ | $y=4-2$ |  |
| $y=-4$ | $y=2$ |  |
|  | $\therefore x=1, \quad y=2$ |  |

$\therefore x=1, \quad y=-4$

```
Let \(x=2\)
```

$x-y=5$
$2-y=5$
$-y=5-2$
$-y=3$
$y=-3$
$\therefore x=2, \quad y=-3$

$$
\begin{aligned}
& \text { Let } x=2 \\
& 2(2)+y=4 \\
& \quad 4+y=4 \\
& \quad y=4-4 \\
& y=0 \\
& \therefore x=2, \quad y=0
\end{aligned}
$$

| $x$ | 0 | 1 | 2 |
| :---: | :--- | :--- | :--- |
| $y$ | -5 | -4 | -3 |


| $x$ | 0 | 1 | 2 |
| :---: | :--- | :--- | :--- |
| $y$ | 4 | 2 | 0 |

Q.2) A) The angle in semicircle is a measure of $\underline{90^{\circ}}$ ( $30,60,90,180$ )
(1 Mark)

Q2.B) i) 1) $\mathrm{m} \angle B \mathrm{AC}=90^{\circ}$ ( angle in semicircle $=90^{\circ}$ )
(2 Marks)

$$
\begin{aligned}
& \text { 2)Since, } \mathrm{m} \angle \mathrm{ACB}=30^{\circ}, \mathrm{m} \angle B A C=90^{\circ} \\
& \angle \mathrm{ACB}+\angle \mathrm{BAC}+\angle \mathrm{ABC}=180^{\circ} \\
& \therefore 30^{\circ}+90^{\circ}+\angle \mathrm{ABC}=180^{\circ} \\
& \therefore 120^{\circ}+\angle \mathrm{ABC}=180^{\circ} \\
& \therefore \angle \mathrm{ABC}=180^{\circ}-120^{\circ} \\
& \therefore \angle \mathrm{ABC}=60^{\circ}
\end{aligned}
$$

Q2.B ii) Given $\angle A B C=72^{\circ}, \angle A C B=45^{\circ}$
$\angle \mathrm{ABC}+\angle \mathrm{BCA}+\angle \mathrm{BAC}=180^{\circ}$
(2 Marks)
$\therefore 72^{\circ}+45^{\circ}+\angle \mathrm{BAC}=180$
$\therefore 117^{\circ}+\angle \mathrm{BAC}=180^{\circ}$
$\therefore \angle \mathrm{BAC}=180^{\circ}-117^{\circ}$
$\therefore \angle B A C=63^{\circ}$
$\therefore \angle \mathrm{BAC}=\angle \mathrm{BDC}=63^{\circ}$ ( Angle in the same segment of a circle is equal).

Q 2.C) Given $\angle B O C=72^{\circ}, \angle A O B=45^{\circ}$
$\angle A O C=\angle A O B+\angle B O C$
$\angle A O C=37^{\circ}+27^{\circ}$
$\angle A O C=64^{\circ}$
$\angle \mathrm{ADC}=\frac{1}{2} \times 64^{\circ}$
$\therefore \angle \mathrm{ADC}=32^{\circ}$
(3 Marks)
Q 2.D)
In $\triangle \mathrm{OAM}=\triangle \mathrm{OBM}$

1) $\angle \mathrm{OMA}=\angle \mathrm{OMB}$

Given
2) $O A=O B$
(Radii of same circle)
3) $\underline{O M}=\underline{O M}$

Common side
4) $\therefore \triangle \mathrm{OMA} \cong \triangle \mathrm{OMB}$
$\therefore \mathrm{AM}=\mathrm{MB}$


Maths answer sheets

# GOVERNMENT HIGH SCHOOL, <br> GAVAL, KHOL, CANACONA GOA <br> FIRST SUMMATIVE EXAM- JANUARY-2020-21 

Std :- VIII
SUB:- Science
MARKS :- 20

Q 1. A)(i) Select and write the most appropriate from those given below each statement and write the completed statement:
(1Mrk)

1) The jelly - like fluid substance present in cells is called $\qquad$ .
a) Protoplasm
b) Chromosome
c) Chloroplast
d) Cytoplasm
2) Green color of leaves is due to presence of the pigment $\qquad$ .
a) Chlorophyll
b) Ribosomes
c) Mitochondria
d) Chloroplast
(ii) Name the following .
3) The thread like structures present in the nucleus.
4) An example of unicellular organism.

Q1. B) Answer the following.
i) Write the function of cell membrane.
ii) Define Multicellular organism.

Q 1. C) "Cell is the basic structural unit of all living organism".
a) Name the three main parts of the cell.
b) Name the largest cell.

Q 1. D) Observe the following diagram of plant cell and answer the question related to it.


[^25]ii) Write the function of part labeled as C.

Q 2. A) (i) Select and write the most appropriate from those given below each statement and write the completed statement:

1. Loudness of sound is measured in units of $\qquad$ .
a) Hertz (Hz)
b) Metre (m)
c) decibel (dB)
d) Metre/second (m/s)
2. Ultrasound has frequency of vibration
a) Between 20 Hz and $20,000 \mathrm{~Hz}$
b) Below 20 Hz
c) Above $20,000 \mathrm{~Hz}$
d) Between 500 and $10,000 \mathrm{~Hz}$
ii) Name the following.
a) Sound producing organ in human.
b) Back and forth motion of an object.

Q 2. B) Answer the following.
i) What is Inaudible sound?
ii) What are the harms of Noise pollution?

Q 2. C) State any 2 measures to control noise pollution in your locality.
Q 2 D) A pendulum oscillates 40 times in 4 seconds. Find its time period and frequency.

## (3Mrks)

## GOVERNMENT HIGH SCHOOL, GAVAL, KHOL, CANACONA GOA <br> SECOND SUMMATIVE EXAM- JANUARY-2020-21

Std :- VIII
SUB:- Science
MARKS :- 20
ANSWER KEY
Q 1. A) (i) 1) The jelly - like fluid substance present in cells is called cytoplasm. ( $\mathbf{1 / 2} \mathbf{~ M r k}$ )
2) Green color of leaves is due to presence of the pigment chlorophyll. (1/2 Mrk)

Q1. A (ii) 1) Chromosome
2) Amoeba, Paramecium

Q 1. B) i) function of cell membrane

- Cell membrane gives shape to the cell.
- It transports nutrients into the cell and also to transport toxic substances out of the cell.
Q 1.B) ii) Organism made of more than one cell are called Multicellular organism.
(1 Mrk)
Eg. Human being.
Q 1. C) a)Cell membrane, Cytoplasm and Nucleus.
b) Egg of an ostrich.

Q 1. D) i) Cytoplasm
ii) Nucleus contain thread like structure called chromosomes which carry genes and help in inheritance or transfer of characters from parents to offspring.
Q 2. A) (i) 1) Loudness of sound is measured in units of decibel (dB)
2) Ultrasound has frequency of vibration Above $\underline{20,000 ~ H z}$

Q2. A)(ii) a) Larynx.
b) Vibration.

Q 2. B) i) sound of frequency less than about 20 vibrations per second ( 20 Hz ) cannot be detected by human ear. Such sound is called inaudible sound.
Q 2. B) ii)Lack of sleep, hypertension, anxiety, impairment of hearing and many more health disorder may be caused due to noise pollution.
Q 2. C) Measures to limit noise pollution in our locality.

- Use of Automobile horns should be minimized.
- Trees must be planted along the roads and around buildings to cut down on the sound reaching the residents.
- TV and music systems should be run at low volumes.

Q 2. D) i) Frequency $=\frac{\text { number of oscilations }}{\text { time }}$
Mrk)
Frequency $=\frac{40}{4}=10 \mathrm{~Hz}$
ii) Time period $=\frac{1}{\text { frequency of oscillation }}$
frequency of oscillation $=10 \mathrm{~Hz}$
Time period $=\frac{1}{10}=0.1 \mathrm{sec}$

## Reflection

My Internship experience in Government High School, Gaval - khol for 16 weeks ( 4 January to 24 April 2021 ) has been incredible. This internship was a very important period for me.

During my Internship period I conducted lots of activities with the students during the daily substitutions and while conducting these activities I felt like understanding each student better. I also came across different levels of Students while conducting these activities.

The staff of this school was very helpful and cooperative with us. They also guided us in every way they can during this internship period. They considered as their own staff which made us to feel very nice.

During this internship period I also got the opportunity of exam supervision and I was also given a chance to correct many exam answer sheets which mad me more sincere towards my duty as a teacher. Decorating the bulletin board and conducting an assembly with the made me more responsible and organised in my work.

It was very wonderful experience throughout my Internship period and I think I learned as much from the class as the students did.

This internship helped me in getting the much needed experience of being a teacher and understanding the difficulties involved in this profession. It also helped me to develop interpersonal skills. This internship developed a lot of confidence in me and it has been a wonderful experience during my Internship period and to be honest, I still miss the staff of Government High School, Gaval - khol.

(04 January 2021-24 April 2021)
St. Mary of the Angel's Convent high school, Chinchinim.

NAME: Joyce Valeska Morais ROLL NO. : 73

CLASS: S.Y.B.Ed.
COLLEGE: $\mathfrak{N}$ irmala Institute of education, $\mathcal{A}$ Atinko - Panjím, Goa.

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## ACKOWLEDGEMENT

I am indeed blessed to have so many amazing people who have helped throughout this internship.

First and foremost I would like to thank Dr. Delia Antao, the principal of Nirmala Institute of
Education - Altinho and the administrative staff at Nirmala Institute for meticulously planning this entire programme.

I would also like to thank our Mathematics and Science method masters who have always taken time from their busy schedule to attend to us.

I ought to thank Sr. Flavia, headmistress of St. Mary of the angels convent high school, Chinchinim Goa, and all the teachers for guiding us and appreciating our efforts.

I also acknowledge the assistance given by the non-teaching staff at the school.
I feel privileged to be paired with my colleague Nikita Dias who was very encouraging and hardworking at all times. I am also thankful to my friends and family for their constant support.

Joyce Valeska Morais

# ATTENDANCE 

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B.ED ATTENDANCE 2019-2021 (Y2)

Name of the school: St. Mary of the Angels, Chinchinins. Name of the Teacher Trance: Joyce Valeska Marais


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Name of the School: St. Mary of the Angels, Chinchinim.
Name of the Teacher Trainee: Joyce Valoska Morais.


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Name of the Teacher Trains: Joyce Valeske Morris


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Joyce Valeska Morris


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Name of the Teacher Trainee: $\qquad$ Joyce Valeska Marais



Nirmala Institute of Education BED ATTENDANCE 2019-2021 ( $\gamma 2$ )

Name of the Scion: St. Mary of the Angels, Chinchinim
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Joyce Valeska Morais.


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ACTIVITIES

## ACTIVITY 1

Topic: Virtual talk show
Objective : To increase vocabulary.

Materials required : Online meet.
Procedure : This virtual talk show takes learning and makes it fun. Students are asked to take the place of characters, concepts or even a time period in a virtual talk show. Each student takes the "hot-seat" to answer questions showing their comprehension of an idea from the viewpoint of a person or idea being Studied in class.

## ACTIVITY 2

Topic : Make words.
Objective : to increase word power.

Materials required : coloured chalks.
Procedure : The class is divided into 4 teams and a particular alphabet like G, Q, T, and so on was given to all the teams simultaneously. Every member of the teams had to write one word with the given alphabet on the board in order. The time limit for each round was 1 minute. The team having maximum correct words would win the round. A total of 5 rounds were played.

## ACTIVITY 3

Topic: Acting concepts.
Objective : To revise science concepts.
Materials required : Chalk, slips.
Procedure : In this activity the class was divided into 2 groups. One member of each group was called forward and a concept was told to pick a slip. Whatever concept was written on the slip was acted out by the member and the remaining members described it. The various concepts were photosynthesis, digestion, precipitation and so on. The student was given 3 minutes to act.

## ACTIVITY 4

Topic: Doodling together
Objective : To improve drawing skills
Materials required : Google Jamboard
Procedure : Students love to doodle and remote learning makes a great way to have them do this collaboratively. They can interpret stories, ideas or people and compare their doodles with their classmates.

## ACTIVITY 5

Topic : Word association
Objective : To increase word power

Materials required : Online meet
Procedure : word association games can be easily played in a virtual classroom and they require little to no preparation. It is a simple game wherein the teacher would choose a word and then ask the students to say the first word related to it that comes to their mind. A great way to play this in a virtual classroom is to give students a particular topic for example 'Animals' and then ask them to name something from that topic.

## ACTIVITY 6

Topic : Pictionary.
Objective : To develop picture description
Materials required : pictures, Online meet
Procedure : In this activity a power point presentation is presented in the virtual classroom. Each slide will have 4 pictures that will all relate to a single word. The students have to guess the word by relating the 4 pictures. The pictures could be of two different things that have the same name, for example, if the word to be guessed is orange then the pictures would include that of an orange fruit as well as orange colour.

## ACTIVITY 7

Topic: Learn the scientist.
Objective : To increase knowledge of scientists.

Materials required : Books on scientists.
Procedure : In this activity the students in the class made groups of 4 . Each group was given to read about a particular scientist. They were told to read about the scientist and to find out either their invention or why they are famous. Later each group was called forward and was asked to give a brief description about the scientist to the class.

## ACTIVITY 8

Topic : Solve and pass.
Objective : To develop the skill of solving mathematics problems.

Materials required : flash cards.
Procedure : This activity involved eight flash cards having problems in mathematics. The class made groups of four. Each group had a flash card to be solved for 5 minutes. At the end of 5 minutes the flash card was passed to the next group. In this manner all the flash cards were circulated to all the groups in the class. Once all the flash cards were circulated to all the groups the answers were discussed and corrected in the class.

## ACTIVITY 9

## Topic : Interview

Objective : To develop the skill of problem solving

Materials required : Online meet
Procedure : members of the class take the part or perspective of any living character and must interact from their perspective. The interview could be broken down into specific tasks to keep the students organised and to structure them so that the content to be covered is addressed. Advantages include motivation to solve a problem or to resolve a conflict for the character, providing a new perspective through which the students can explore or understand an issue. It develops the skills, such as writing, leadership, coordination, collaboration and research.

## ACTIVITY 10

Topic: Google earth.
Objective : To develop technical skills

Materials required : Phone with Google earth app
Procedure : In this activity the students were divided in batches of ten members and were exposed to the area location app called 'Google earth'. The various uses of the app were showed. They were showed how to locate the place and how to move about using the app.

## ACTIVITY 11

## Topic: Jigsaw

Objective : To develop the ability to explore

Materials required : online jigsaw puzzle, online meet
Procedure : A Jigsaw is a cooperative active learning exercise where students are exposed to an online Jigsaw puzzle. Every student may be given a different puzzle. The students will have to solve the puzzle. Once the puzzle is solved the students have to identify what the pictures says and describe it in their own understanding. The description of all the pictures are then supposed to be arranged step by step to form a story or procedure. So the puzzles could include the various steps involved in certain science processes like digestion, photosynthesis, and so on. The advantages of Jigsaw include the ability to explore substantive problems and readings, the engagement of all the students with the material and in the process of working together, learning from each other and sharing and critical analysing a diversity of ideas.

## ACTIVITY 12

## Topic: Bingo

Objective : To learn squares of numbers

Materials required : Bingo cards
Procedure : Each student is provided with a bingo card having the squares of various numbers. Then the teacher picks various numbers randomly and the students need to mark the square of the number if it is present on their card. The first student to make a BINGO of five in a row horizontal, vertical or diagonal wins the game. This game helps the students to brush upon the squares of numbers in a play-way method.

## ACTIVITY 13

Topic: time period
Objective : To increase the skill of experimentation
Materials required : stand, metal bob, thread, scale, stop watch.
Procedure : The thread was tied to the metal bob and hung to the stand. The thread was measured at a particular length and hung. Then one student came forward to count the number of oscillations while the other maintained the timer at 20 seconds. Taking the results the time period was found. The same process was repeated by reducing the length of the thread by 10 cms each time.

## ACTIVITY 14

Topic : Good and bad conductors.
Objective : To encourage to apply science in real life situations.

Materials required : 9V battery, LED, wires, various types of materials.
Procedure : In this activity the students were shown how to connect a circuit. The key in this circuit would be the different materials to be tested for conduction of electricity. The students were allowed to connect various types of materials to the circuit and note whether they conduct electricity by checking if the LED glows.

## ACTIVITY 15

Topic: Top view and side view.
Objective : To involve mathematics in real life situations.
Materials required : Flash cards, adhesive.
Procedure : In this activity the students were given flash cards with 'TOP VIEW' and 'SIDE
VIEW' written. They were asked to locate any one object in the class and to mark it's top and side views using the flash cards and adhesive.

## ACTIVITY 16

## Topic: Debate

Objective : To encourage putting forth view points.
Materials required : list of topics.
Procedure : In this activity two teams were formed. A social topic was put forth like single use plastic and technology. One team was talking for the topic while the other team gave points against the topic.

## ACTIVITY 17

Topic : Length conversion
Objective : To encourage mathematics in daily life.

Materials required : Flash cards, adhesive.
Procedure : In this activity the students were given flash cards. Some flash cards had length written in centimetre unit while some had the same length written in millimetre unit. The students were asked to move around and find out which flash card matched their flash card. Also they were asked to place them on the chalkboard in order.

## ACTIVITY 18

Topic: Sudoku.
Objective : To develop logical thinking.
Materials required : flash cards with Sudoku.
Procedure: In this activity a $9 \times 9$ blocked flash card was given to the students on which some numbers where written. The students had to fill the remaining blocks such that every number from 1 to 9 should appear in each of the nine vertical columns, horizontal rows and the boxes.

## ACTIVITY 19

Topic: Induction motor
Objective : To expose students to practical working models.
Materials required : Cell, copper wire, rubber band, safety pins, magnet.
Procedure : In this activity and induction motor was prepared. The two safety pins were fixed at the terminals of the cell using a rubber band. Then the copper wire was coiled into a loop leaving the ends free. This coil was inserted in the two pins. Finally a magnet was placed on the cell in such a way that the copper coil would rotate.

## ACTIVITY 20

Topic: Finger multiplication
Objective : To increase the power of quick response
Materials required : NIL
Procedure : In this activity two students were placed standing opposite and facing each other. They were asked to keep both the hands behind. On the count of three each of them was asked to show any number of fingers of their right hand only forward. Then the students had to quickly multiply their own number of fingers to the number of fingers of the opposite student. The student who gave a quick and correct answer won the round.

## FEAST OF ST. JOSEPH VAZ REPORT

$15^{\text {th }}$ January 2021
The feast of St. Joseph Vaz was celebrated on $15^{\text {th }}$ January 2021 although the feast is on $16^{\text {th }}$ January since it was a holiday. The feast was celebrated by the students of red house and it was known as the 'Red house feast'. The assembly of the day was written by Tr. Vijaya and was provided to us. The teacher trainees were asked to distribute the prayers to the red house students of class 9 and 10 . We had a total of 3 training sessions for the assembly on 3 days including the day of the feast.

The teacher trainees were also given the responsibility of making four placards to be presented to the students during the prayers of the faithful of the prayer service. The four words to be written on the placards were, Accepting, Imitating, Knowing and Call. The words were handwritten and painted in Algerian font with black colour on yellow kite paper. The placards were created with cardboard of old cartoon boxes provided by the school. Every word was given a white border of tape around it.


BULLETIN BOARD

The bulletin board represented the values from the life of St. Joseph Vaz which we and the students may inculcate in their life. The board was centered with a picture of St. Joseph Vaz with a crochet border. The name of St. Joseph was placed at the top of the board. Few names like Little Saint, Apostle of Sri Lanka and Angelic Priest, given to St. Joseph Vaz were randomly placed on the bulletin board. The values presented were charity, love for animals, service to others, prayer, preaching faith and simple living and were handwritten with red pen on orange paper. Small pictures were drawn to depict the values. The board was further decorated using some handmade crochet flowers. The bulletin board was appreciated by the students and faculty of the school.


## REPUBLIC DAY REPORT

$26^{\text {th }}$ January 2021
An assembly was conducted by the S.Y.B.Ed. teacher trainees. It was held in the morning of $26^{\text {th }}$ January 2021. The assembly was conducted in the school compound of St. Mary of the Angels convent high school, Chinchinim. The theme for our assembly was 'Marching towards unity' as it was Republic day. In total we had four practice sessions for the assembly. A total of 10 students were involved and trained.

On the day of the assembly we were present at the school at 7.30 a.m. for the preparations. Firstly we hung the backdrop and then the stage was set up. A final rehearsal was done just before the assembly time. The assembly commenced at 8.00 a.m. with the chief guest escorted by the Head girl and the Assistant Head girl to unfold the National flag. The prayer service began with an introduction followed by the bible reading of the day and a short reflection on it. Then we had four prayers of the faithful dedicated to various communities and the pandemic. The response for every prayer was 'Lord, bless our country'. The prayer service ended with the concluding prayer and a hymn. After the prayer service we had a short program by the teachers and the students of class 10 . The students were very enthusiastic on preparing for the assembly. The participants cooperated well for all the practice sessions. The response by the audience during the assembly was good. We received a good feedback from many teachers. Overall we also had a good experience training the students and conducting the assembly.

## PRAYER SERVICE

In the name of the Father, and of the son and of the Holy Spirit, Amen.

## INTRODUCTION

The theme for today is MARCHING TOWARDS UNITY. India is an ancient land where humanity has lived since ages. After trembling the tyranny of colonialism and gaining independence from the British imperial powers, the nation builders of independent India declared that India would henceforth be known as a sovereign, socialist, secular and democratic republic. This declaration was made on 26 January 1950 when the constitution of India came into force and India was declared to be a Republic. The constitution assured its citizens of upholding the principles of Justice, Equality and Liberty and to promote Fraternity among them all.

Today we celebrate the $72^{\text {nd }}$ Republic Day, it is a momentous occasion for us Indians to celebrate the harmonious spirit which binds our nation irrespective of its diversity in culture, traditions, religion, languages, customs, etc.

Let is thank God for all the good things we enjoy, for the success we have achieved and for the constitution that guards and guides us to live in peace and harmony

WORD OF GOD: Mt: 22, 15-22

## REFLECTION

Through the reading Jesus tells us to respect the authorities and obey the rules and regulations set by them. We are Called to actively participate in the issues related to our country's welfare. It is our moral responsibility to contribute and uphold the values of truth, justice, equality, peace, brotherhood in our country

HYMN: bind us together

Let us pray for our country to be a vibrant and a developed one.
After each response let our response be 'Lord, Bless our country'.

1. Though we are all Indians, we still harbour distrust against our neighbours. Lord, give us the openness to accept one another in trust and love. Let us pray to the Lord.

Lord, Bless our country
2. Corruption, fights, injustice, terrorism and criminal offence are spreading their tentacles everywhere in our country. Let the reign of love and integrity begin in our hearts so that we seek to crush this evil. Let us pray to the Lord.
Lord, Bless our country
3. Our country is riddled with poverty and unemployment. Lord, bless our leaders and give them vision and courage to take decisions selflessly for the betterment of our country. Let us pray to the Lord.
Lord, Bless our country
4. The Corona virus disease is spreading rapidly around the world, especially in our country. May the Lord heal our world, strengthen our hearts and minds and in the midst of turmoil, give us hope and peace. We pray to the Lord.

Lord, Bless our country

## CONCLUDING PRAYER

Lord, we thank you for our existence. We ask you to keep our nation united. Motivate us to build a new India where human dignity, freedom and prosperity will be enjoyed by all. May our homes become heavens of peace and experience the true joy of unity. We make this prayer through Christ our Lord, Amen.

## PRAYER FOR PEACE

Lord, make me an instrument of your peace
Where there is hatred, let me sow love
Where there is injury, pardon
Where there is doubt, faith
Where there is despair, hope
Where there is darkness, light
And where there is sadness, joy
O Divine Master, grant that I may
Not so much seek to be consoled as to console
To be understood, as to understand
To be loved, as to love
For it is in giving that we receive
And it's in pardoning that we are pardoned
And it's in dying that we are born to Eternal Life
Amen
Glory be to the Father and to the Son and to the Holy Spirit
As it was in the beginning is now and ever shall be world without an end, Amen.

## PROGRAM

The program began by greeting the dignitaries and welcoming the teachers and students. The event was hosted by the teacher trainees. It began with the students of class 10 who performed a fusion dance on songs dedicated to our mother land. The event was continued with the motivation given by
the Secondary teachers thought a beautiful song 'We can achieve' with Tr. Jocelyn playing the organ. Further Miss Shanaya Vaz was requested to present a token of love and appreciation to the chief guest of the day. On introduction of the chief guest by Tr. Jocelyn Mrs. Rita spoke a few words of wisdom to the audience. Next our Headmistress Sr. Flavia put forward her thoughts on republic day and the event. Finally, the event for the day ended with a few words of motivation by the hosts.

The event was overall appreciated by the students, teachers and the Headmistress.

## BACKDROP

For the celebration of Republic day the teacher trainees were asked to prepare the stage backdrop on the theme 'Marching towards unity' which was provided by the school. The backdrop depicted people marching in unity yet maintaining social distance. We also highlighted the environmental reconstruction by the hands forming a tree.


## BULLETIN BOARD

The bulletin board was prepared on the constitution of India and six fundamental rights - Right to equality, Cultural and educational rights, Right to freedom, Right to constitutional remedies, Right against exploitation and Right to freedom of religion. The board also included the constitution oath. Every right was written, described and sketched. We also decorated the white board by making India gate and writing the Republic day greeting. The discussion about the bulletin board was done during the initial days of the internship. The layout and elements of the bulletin board were discussed during the free periods of the internship days. The preparation for the elements to be put
on the bulletin board was done three days prior to the Republic day. Each member of our internship group contributed in making the decorations and arranging the bulletin board.


## WHITE BOARD

The white was used to greet everyone a happy republic day. The words were handwritten, cut and placed on the board with the help of blue-tack. It included the depiction of India Gate was cut on black chart paper and was decorated with saffron, white and green flowers cut from paper placed in rows. A shadow of a soldier was made and placed in the center of the gate.


## SCIENCE DAY REPORT

$2^{\text {nd }}$ March 2021

We celebrated the science day on 2nd March 2021. The celebration included an assembly followed by a short program. During the program we flashed some science highlights in recent times. One video was on future technology while the other spoke about how we can conserve our environment. The students were sent a digital poster to collect plant specimens in order to create a Herbarium for the school. Another poster was created to declare a short film competition for the students of class 9 and 10. In order to invite all the school faculty and students for the science day program we created a digital invitation to be sent in the Whatsapp groups of the respective classes.


## BULLETIN BOARD

The bulletin board for the day was based on the current affairs in the field of science and technology.

We motivated the students to bring newspaper cutouts of the recent events and inventions in science and technology. The same were put up on the bulletin board. This also gave an opportunity to the

students and the school to maintain the science club bulletin board.

## WHITE BOARD

On the occasion of National Science day the white board was decorated by putting up cut-outs of the words 'NATIONAL SCIENCE DAY' in bold and the date $28^{\text {th }}$ February 2021 was also flashed. A few elements in science like environment,

technology, chemistry and biology were stuck using blue-tack. All the elements were hand written, painted and pasted by the teacher trainees during the school hours itself.

## PRAYER SERVICE

## INTRODUCTION

Loving God, we come before this day in awe of the grandeur and complexity of your creation. We thank you for your gifts of curiosity and analytic minds, and for our eagerness to explore what we do not understand. Be with us now, we pray, as we open ourselves to the unfolding wonder of your creation. On this day as we celebrate the advancement of Science and Technology, We covenant with you and with the church in all its settings to serve you boldly and dynamically, to join your dance of life, and share in the co-creation of a just and sustainable world as made manifest in the Gospel of Jesus Christ! Amen.

HYMN : God still loves the world

## READING : Job 36, 27-33

## REFLECTION

The bible reading speaks about the common phenomenon, what is very frequent, and well known in all ages and countries, and by all men and yet there are some things relative to it which are beyond the comprehension of men. But for God, this is all simple. In fact, the clouds in the verse we just read are referred to as his pavilion - where he dwells. He commands the lightning that it may not harm because anyone that comes between and intercedes with his prayers. This shows the greatness and how impossible it is to understand every plan of God.

## PRAYERS OF THE FAITHFUL

Let us put forth some of our prayers to the Lord. After each prayer let our response be; 'May we live in harmony with the earth'

1. May we use the world's resources we need with love, humility, and thoughtfulness, without guilt, without fear, without waste. For this we pray to the Lord.

May we live in harmony with the earth
2. May we live together with animals with which we share this planet, being careful not to harm them or their habitats. For this we pray to the Lord.

May we live in harmony with the earth
3. May we learn to live within our means, by reducing our waste and continuing to reuse and recycle all that we can.

May we live in harmony with the earth
4. May we plan to leave the world in a state that all future generations will be able to enjoy, ensuring that it is filled with resources, life, and kept healthy and clean.

May we live in harmony with the earth

## CONCLUDING PRAYER

Lord, you have endowed human beings with the ability to search out your laws
and have given them the freedom to apply their knowledge as they choose. We ask your blessing on all engaged in scientific research and technology and on those who provide the resources for such work; that choice may be made of projects which enhance both human life and have regard to the safety and well-being of the natural order. May we thus be true stewards of your bounty, to our own inner satisfaction and your greater glory. Amen.

## COMPETITIONS

## REPUBLIC DAY POSTER COMPETION

On the occasion of Republic day 2021 we held a poster competition for the students of classes 7, 8 and 9. For this we prepared creative online notices in the form of digital posters. The results of the poster competition were declared on the Whatsapp groups through a pdf containing the result posters.

The entries of the poster completion were accepted online as well as a hard copy. We received a total of entries from all the three classes. The judges for the competition were Tr. Renanta, Tr. Jacita and Tr . Sailee. The judging criteria allotted to the judges were Relation to the

ST. MARY OF THE ANGELS CONVENT HIGH SCHOOL, CHINCHINIM.

## POSTER

 MAKING
## For students of class VII, VIII and IX

- Tôpics

1. Aatmnirbhar Bhapàt ${ }^{\circ}$
2. We,the students og India
theme, Neatness, Originality and overall impact. The first and second places in every class were awarded with a merit certificate and prizes.

QUIZ ON THE CONSTITUTION OF INDIA


An online notice was also created for the Republic day quiz. The quiz contained 25 multiple choice questions based on the Constitution of India. The link of the Google
form on the quiz was sent to the students of class 8,9 and 10 on their respective Whatsapp groups at 6 p.m. on $26^{\text {th }}$ January 2021.

We received a total of 75 responses from all the classes. All the participants were appreciated with an e-certificate designed by the teacher trainees with the school stamp and signature of the headmistress.

TEST PLANS

## SUBJECT : Mathematics

Unit : The triangle and its properties
Class : VII

Description of weightage

1. Weightage to content

| Sub-unit | Percentage | Marks |
| :---: | :---: | :---: |
| Elements of a triangle | 30 | 6 |
| Exterior angle property | 20 | 4 |
| Angle sum property | 15 | 3 |
| Right-angled triangle | 20 | 4 |
| Pythagoras theorem | 15 | 3 |
|  | 100 | 20 |

2. Weightage to objectives

| Objectives | Percentage | Marks |
| :---: | :---: | :---: |
| Remember | 20 | 4 |
| Understand | 40 | 8 |
| Apply | 40 | 8 |
|  | 100 | 20 |

3. Weightage to items

| Items | Percentage | Marks |
| :---: | :---: | :---: |
| Essay | 20 | 4 |
| Objective select | 20 | 4 |
| Objective supply | 20 | 4 |
| Objective context dependent | 40 | 8 |
|  | 100 | 20 |

BLUEPRINT

| Objective /Content | Remember |  |  |  | Understand |  |  |  | Apply |  |  |  | Marks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | E | $\begin{aligned} & \hline \mathrm{O} \\ & \mathrm{Se} \end{aligned}$ | $\begin{gathered} \hline \mathrm{O} \\ \mathrm{Su} \end{gathered}$ | OCD | E | $\begin{aligned} & \hline \mathrm{O} \\ & \mathrm{Se} \end{aligned}$ | $\begin{gathered} \hline \mathrm{O} \\ \mathrm{Su} \end{gathered}$ | OCD | E | $\begin{gathered} \hline \mathrm{O} \\ \mathrm{Se} \end{gathered}$ | $\begin{gathered} \hline \mathrm{O} \\ \mathrm{Su} \end{gathered}$ | OCD |  |
| Elements of a triangle |  | 2 |  |  | 2 |  |  |  | 2 |  |  |  | 6 |
| Exterior angle property |  |  |  |  |  |  |  | 2 |  |  | 2 |  | 4 |
| Angle sum property |  | 1 |  |  |  |  |  | 1 |  |  | 1 |  | 3 |
| Rightangled triangle |  | 1 |  |  |  | 2 |  |  |  |  |  | 1 | 4 |
| Pythagoras theorem |  |  |  |  |  |  |  | 1 |  |  |  | 2 | 3 |
| Total | 4 |  |  |  | 8 |  |  |  | 8 |  |  |  | 20 |

## TEST PAPER

Name :
Standard : VII
Roll no. :
Subject: Mathematics
Time: 30 minutes
Marks : 20 mks
I) Fill in the blanks with the most appropriate answer.

1. How many elements are there in a triangle?
(a) 3
(b) 6
(c) 9
(d) 12
2. If one angle of a triangle measures $90^{\circ}$, the triangle is called $\qquad$ triangle.
(a) Obtuse-angled
(b) Acute-angled
(c) Right-angled
(d) Equilateral
3. How many medians can a triangle have?
(a) 1
(b) 2
(c) 3
(d) 6
4. What is the sum of the measures of all the angles of a triangle?
(a) $360^{\circ}$
(b) $180^{\circ}$
(c) $60^{\circ}$
(d) $280^{\circ}$
II) Find, using which of the following lengths is it possible to draw a triangle. Justify your answer.
5. $3 \mathrm{~cm}, 4 \mathrm{~cm}$ and 6 cm
6. $2 \mathrm{~cm}, 3 \mathrm{~cm}$ and 6 cm
7. $3 \mathrm{~cm}, 4 \mathrm{~cm}$ and 5 cm
8. $3 \mathrm{~cm}, 5 \mathrm{~cm}$ and 8 cm
III) Find the measure of the angle in the following triangles.
9. In the following figure, $\mathrm{m} \| \mathrm{QR}$. Then, what is the measure of $\angle \mathrm{QPR}$ ?

10. In the following figure, find the measure of the $\angle \mathrm{ABC}$.

11. Find the value of unknown angle ' $x$ ' in the following figure.

IV) Find which of the following lengths can form a right triangle.
12. $3 \mathrm{~cm}, 4 \mathrm{~cm}$ and 5 cm
13. $2 \mathrm{~cm}, 2 \mathrm{~cm}$ and 4 cm
14. $6 \mathrm{~cm}, 10 \mathrm{~cm}$ and 12 cm
15. $9 \mathrm{~cm}, 12 \mathrm{~cm}$ and 15 cm
V) The lengths of two sides of a right-angled triangle measure 12 cm and 5 cm respectively. Find the length of the third side.

## SCORING KEY

I) 1.6
2. Right-angled
3.3
4. $180^{\circ}$
II) 1. $3+4=7>6$
$4+6=10>3$
$3+6=9>4$
Triangle is possible
2. $2+3=5<6$

Triangle is not possible
3. $6+10=16>12$
$10+12=22>6$
$6+12=18>10$
Triangle is possible
4. $3+5=8=8$

Triangle is not possible
III) $\quad 1 . \angle \mathrm{P}=180^{\circ}-50^{\circ} \quad---$ Exterior angle theorem
$\angle \mathrm{P}=130^{\circ}$
In $\triangle \mathrm{PQR}$,
$\angle \mathrm{P}+\angle \mathrm{Q}+\angle \mathrm{R}=180^{\circ}$--- Angle sum property of a triangle
$50^{\circ}+\angle \mathrm{Q}+45^{\circ}=180^{\circ}$
$\angle Q+95^{\circ}=180^{\circ}$
$\angle Q=180^{\circ}-95^{\circ}$
$\angle \mathrm{Q}=85^{\circ}$
2. $\angle \mathrm{C}=50^{\circ} \quad$--- Vertically opposite angles
$\angle A=180^{\circ}-110^{\circ}$
$\angle \mathrm{A}=70^{\circ}$
In $\triangle \mathrm{ABC}$,
$\angle A+\angle B+\angle C=180^{\circ}$--- Angle sum property of a triangle
$70^{\circ}+\angle \mathrm{B}+50^{\circ}=180^{\circ}$
$\angle \mathrm{B}+120^{\circ}=180^{\circ}$
$\angle B=180^{\circ}-120^{\circ}$
$\angle B=60^{\circ}$
3. In $\triangle \mathrm{PQR}$,

$$
\begin{aligned}
& \angle P+\angle Q+\angle R=180^{\circ} \text {--- Angle sum property of a triangle } \\
& 5 \mathrm{x}+90^{\circ}+\mathrm{x}=180^{\circ} \\
& 6 \mathrm{x}+90^{\circ}=180^{\circ} \\
& 6 \mathrm{x}=180^{\circ}-90^{\circ} \\
& 6 \mathrm{x}=90^{\circ} \\
& \mathrm{x}=\frac{90^{\circ}}{6} \\
& \mathrm{x}=15^{\circ} \\
& \angle \mathrm{P}=5 \mathrm{x} \\
& \quad=5 \mathrm{x} 15^{\circ} \\
& \angle \mathrm{P}=75^{\circ} \\
& \angle \mathrm{R}=\mathrm{x}=15^{\circ}
\end{aligned}
$$

IV)

1. $3^{2}+4^{2}=9+16$

$$
=25
$$

$3^{2}+4^{2}=5^{2} \quad$--- Possible
2. $2^{2}+2^{2}=4+4$
$=8$
$4^{2}=16$
$2^{2}+2^{2} \neq 4^{2} \quad--$ Not possible
3. $6^{2}+10^{2}=36+100$

$$
=136
$$

$12^{2}=144$
$6^{2}+10^{2} \neq 12^{2} \quad--$ Not possible
4. $9^{2}+12^{2}=81+144$

$$
=225
$$

$9^{2}+12^{2}=15^{2}$--- Possible
V) $12^{2}+5^{2}=\mathrm{c}^{2}$
$c^{2}=144+25$
$=169$
$\mathrm{c}=\sqrt{169}$
$\mathrm{c}=13 \mathrm{~cm}$
the length of the third side is 13 cm .

## SUBJECT : Science

Class: VIII
Chapter: Light

Weightage to Content

| Sl. No. | Sub - Units | Percentages | Marks |
| :---: | :---: | :---: | :---: |
| 1 | Laws of Reflection | 25 | 5 |
| 2 | Regular and Diffused Reflection | 10 | 2 |
| 3 | Multiple Images | 5 | 1 |
| 4 | Dispersion of Light | 5 | 1 |
| 5 | Structure of the Human Eye | 55 | 11 |
|  |  | 100 | 20 |

## Weightage to Objectives

| Sl. No. | Objectives | Percentages | Marks |
| :---: | :---: | :---: | :---: |
| 1 | REMEMBERING | 25 | 5 |
| 2 | UNDERSTANDING | 45 | 9 |
| 3 | APPLYING | 30 | 6 |
|  | Total | 100 | 20 |

## Weightage to Item Format

| Sl. No. | Items | Percentages | Marks |
| :---: | :---: | :---: | :---: |
| 1 | ESSAY |  |  |
| 2 | SHORT ANSWER TYPE | 50 | 10 |
| 3 | OBJECTIVE - SELECT | 10 | 2 |
| 4 | OBJECTIVE - CONTEXT <br> DEPENDENT <br> Total | 30 | 2 |
| 5 | 100 | 6 |  |

## Weightage to Difficulty Level

| Sl. No. | Items | Percentages | Marks |
| :---: | :---: | :---: | :---: |
| 1 | Easy | 20 | 4 |
| 2 | Average | 50 | 10 |
| 3 | Difficult | 30 | 6 |
|  | Total | 100 | 20 |

## Blueprint

| Objectives | Remembering |  |  | Understanding |  |  | Applying |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Items Format | 0 | SA | E | 0 | SA | E | 0 | SA | E |  |
| Content |  |  |  |  |  |  |  |  |  |  |
| 1 | $1(1)$ |  |  |  |  |  |  | $4(1)$ |  | 5 |
| 2 |  |  |  |  | $2(1)$ |  |  |  |  | 2 |
| 3 |  |  |  | $1(1)$ |  |  |  |  |  | 1 |
| 4 | $1(1)$ |  |  |  |  |  |  |  |  | 1 |
| 5 | $1(1)$ | $2(1)$ |  | $2(2)$ | $2(1)$ |  | $2(1)$ |  |  | 11 |
| Sub-total | 3 | 2 |  | 5 | 4 |  | 2 | 4 |  | 20 |
| Grand Total |  | 5 |  |  | 9 |  |  | 6 |  |  |

## Test Paper

## General Instructions:

1. This question paper carries 20 marks.
2. All questions are compulsory. There is no internal choice given in the question paper.
3. Figures to the right indicate full marks.
Q. I A) Select the most correct alternative from those given below each statement and write the completed statement.

$$
(1 \times 2=2 \text { marks })
$$

1. The most popular resource for visually challenged persons to read and write is
$\qquad$ _.
a) Electronic writer
b) Digital pens
c) Hearing aids
d) Braille system
2. The phenomenon where your left appears the right and vice-versa in a mirror is known as
$\qquad$ .
a) Lateral inversion
b) Upside down phenomena
c) Dispersion
d) Mirage
Q. I B) Name the following:
3. The phenomenon of splitting of white light into its component colors.
4. A device which works on the concept of multiple images.
Q. II A) Answer the following questions.
5. What is the blind spot in the human eye?
6. List 2 possible measures to take care of the human eye.
7. Differentiate between Regular and Diffused reflection.
Q. II B. Draw a neat labelled ray diagram to show the reflection of light by a plane mirror.

$$
(4 \times 1=4 \text { marks })
$$

Q. III A) A student has difficulty reading the blackboard while sitting in the last row, although he can clearly read the text on his text book kept close to him.

Answer the following questions based on the above context.

$$
(1 \times 2=2 \text { marks })
$$

1. What could be the defect the child is suffering from?
2. How can it be corrected?
Q. III B) Identify and name the parts of the human eye marked in the diagram and state its functions.

$$
(2 \times 2=4 \text { marks })
$$

1. Name the part marked as ' A ' and write its function.

2. Name the part marked as ' B ' and write its function.


## Scoring Key and Marking Scheme

| Question No. | Value Points |  | Marks | Total <br> Marks |
| :---: | :---: | :---: | :---: | :---: |
| I A |  |  |  |  |
| 1 | D |  | 1 | 1 |
| 2 | A |  | 1 | 1 |
| I B |  |  |  |  |
| 1 | Dispersion |  | 1 | 1 |
| 2 | Kaleidoscope |  | 1 | 1 |
| II A |  |  |  |  |
| 1 | The spot at the junction of the optic nerve and the retina, where there are no sensory cells, leading to no vision is called the blind spot. |  | 2 | 2 |
| 2 | - If advised, use suitable spectacles. <br> - Too little or too much light is bad for eyes. Insufficient light causes eyestrain and headaches. <br> - Do not look at the sun or a powerful light directly. <br> - Never rub your eyes. <br> - Wash your eyes frequently with clean water. |  | 2 | 2 |
| 3 | Regular Reflection <br> - Parallel rays of light fall on a smooth surface <br> - They are reflected back as parallel rays only | Diffused Reflection <br> - Parallel rays of light fall upon an irregular surface <br> - They are reflected back into all the directions. | $1$ | 2 |
| II B | Incid <br> Reflec <br> Angle of <br> Angle of | Ray <br> Ray <br> idence <br> flection | $\begin{aligned} & 1 \\ & 1 \\ & 1 \\ & 1 \end{aligned}$ | 4 |


|  | 1. Myopia <br> 2. Suitable Corrective Lens | 1 | 2 |
| :---: | :--- | :--- | :--- |
| III A | III B <br> The amount of light that enters the eye is controlled <br> by the Iris. | 1 | 1 |



Thought board for the feast of Our Lady of Lourdes


Backdrop for Class 10 thanksgiving mass


Distribution of cloth bags at the local market near the school


Stuck 'SAVE WATER' sticker near the washroom taps of the school


Prepared paper bags to distribute to the local market


Grew vegetable creepers in the kitchen garden of the school


Prayer service on the feast of St. Joseph Vaz


Opening ceremony of the Herbarium on Science day

## FEEDBACK

The principal, Sr. Flavia was very kind and always ready to help. She would give a lot of advice on how to maintain discipline and always motivated us to do better. Each of the trainees was allotted mentors. Our mentors were Tr. Renata and Tr. Renuka. They were always available to clarify our doubts. All the teachers in the school supported us well.

The non-teaching staff was also available for help and support throughout the day. They have never refused any help to us. The students would respect and greet when we met in the morning. They have enthusiastically participated in every activity that we conducted. They behaved well during all the 3 lessons that I taught.

The school was not too far for me to travel. The morning assembly would take place on the school ground involving all the students present in the campus. Sr. Flavia would always take some time out to appreciate the efforts put in by the students.

The time for each period was 35 minutes which was fairly good. The school was well equipped with water filters, a good canteen and hygienic washrooms. The classes had all the required materials. Instructional materials for the lessons and activities were kept available. The school also has an audio visual room, a common hall, a swing ground and a basketball court.

The school gives equal importance to co-curricular activities as that to academics. Students are motivated to do better in academics and co-curricular by giving house points. These house points are calculated every week and accordingly the position of the flags is sustained.

Overall I had a great experience of being a part of the school for four months. We were greatly accepted, minutely moulded and extremely appreciated. This internship has helped me bloom.


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    Late Ihri Vinayar Gopal Shenvi Vidyala;a)
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[^25]:    i) Name the part marked as A.

