St. Thomas Public School, Ghorad, Kalmeshwar

SCIENCE & MATHS CLUB

St. Thomas Public School, Kalmeshwar

SCIENCE & MATHS CLUB		
INCHARGES: MS. MARGARET J & MS. SHILPA P		
S.NO	ACTVITIES	DATE
1.	Maths Quiz	21st August 2019
2.	Social Science Exhibition	1st February 2020
3.	Baby's Day Out	1st February 2020

St. Thomas Public School, Kalmeshwar

SCIENCE AND MATHS CLUB

The objective of the Science and Maths club is to provide a highly engaging environment to improve and enhance students' understanding in Maths and Science through various activities and experiments.

Aims of Science and Maths Club:

1) To develop a scientific way of learning
2) To develop awareness of and concern or scientific issues in personal, social, environmental and technological contexts.

3) To raise the confidence level of students in the field of mathematics and to help them explore and enjoy the beauty of mathematics inside and outside the school.

Objectives of Science and Maths Club:

1) To arouse and cultivate students' interest in learning Science and Maths.
2) Encourage a positive attitude towards Science and Mathematics.
3) To Stimulate Scientific and Mathematical curiosity.
4) Promote cross-curricular thinking and the holistic development of pupils.
5) Study Science and Maths beyond the classroom and allow pupils to see these subjects as an integral part of their lives.
6) Inspire thinking, challenge and collaboration.

St. Thomas Public School, Kalmeshwar

Activity: Maths Quiz
Section: Primary
Date: 21-08-2019

Importance of Mathematics Quiz:

1. A Mathematics Quiz is a co-curricular activity very much different from the usual class room activities. The class room activities are also called as controlled activities, the mathematics Quiz is an uncontrolled activity. It helps the children to develop the discipline on their own, towards mathematics.
2. Mathematics Quiz plays a vital role in seeking voluntary participation from the children.
3. Mathematics Quiz helps the children to gain perfect, authentic, accurate information.
4. Mathematics Quiz develops competitiveness among children.
5. It helps the children to enhance their knowledge.
6. It develops mathematical attitude in the children.

Objectives of Mathematics Quiz:

1. To develop critical thinking among children.
2. To make the children to learn mathematical attitude.
3. To develop the skill of answering precisely.
4. To make the children to think and answer quickly.
5. To consolidate and rapid revision of mathematical facts.
6. To develop a situation for children to understand and to answer immediately.
7. To exercise the practice of brief answering in the limited time.
8. To get equipped with useful and important facts.
9. To motivate the children to win prizes.
10. To make children to get an awareness about the contribution of mathematics and latest discoveries.

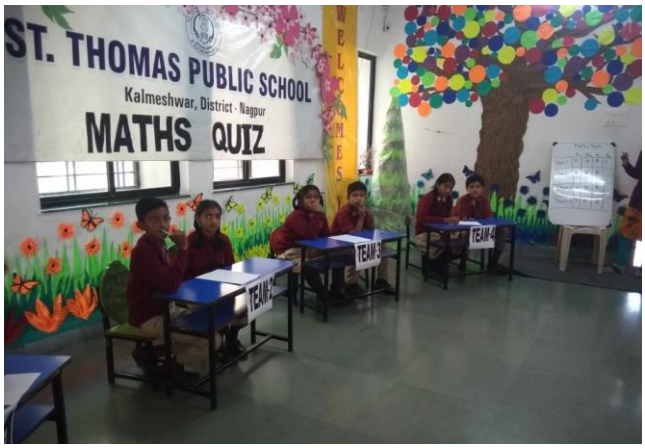
Report:

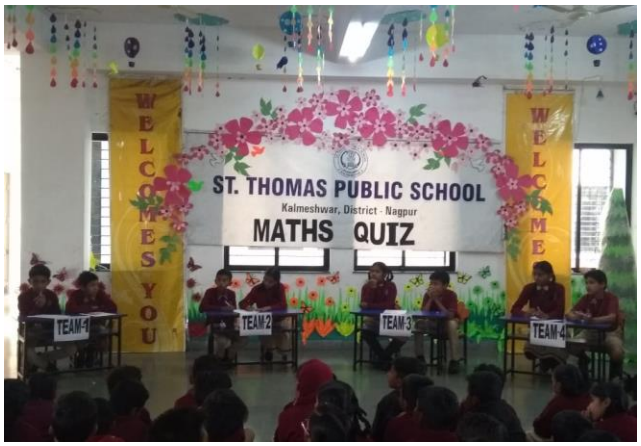
Quiz contests are a great way of analyzing how well one understands a subject and correlates the theoretical knowledge with its practical application in real life. It encourages students to stretch their knowledge horizons and look beyond what they are taught in the class. Easier said than done, Maths quiz is an excellent way of finding how well the apprentices understand its concepts and use them in their regular life. To promote and encourage a fun way of learning among students, St. Thomas Public School , Ghorad, Kalmeshwar, organized a Maths quiz for students of grades 4 & 5.

Total of four rounds were conducted on themes like generic questions, visual rounds, attitude round and rapid fire round, to test students' knowledge on the subject. Students from grades 4 & 5 made a cheerful audience for the quiz, adding that element of excitement and upbeat to the show.

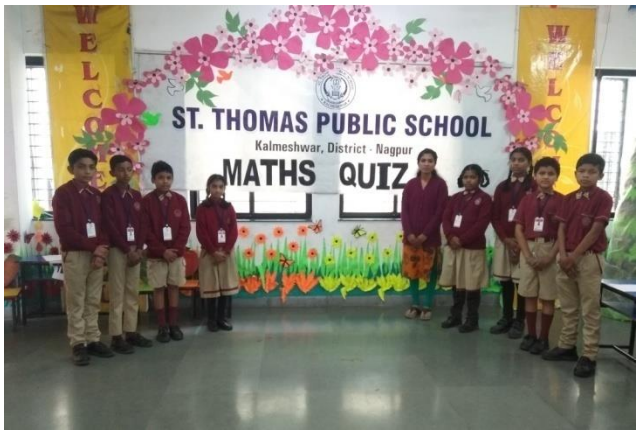
The objective of conducting this quiz competition was to enable students of different age groups to think out of the box, promote team play, map growth levels in the particular subject, improving their knowledge and learning from heir counterparts, besides building competitive spirit among the teams.

Photographs:




WELCOMES YOU
ST. THOMAS PUBLIC SCHOOL
Kalmeshwar, District - Nagpur
MATHS QUIZ
TEAM-1
TEAM-2
TEAM-3
TEAM-4
WELCOME

ST. THOMAS PUBLIC SCHOOL
Kalmeshwar, District - Nagpur
MATHS QUIZ


ST. THOMAS PUBLIC SCHOOL
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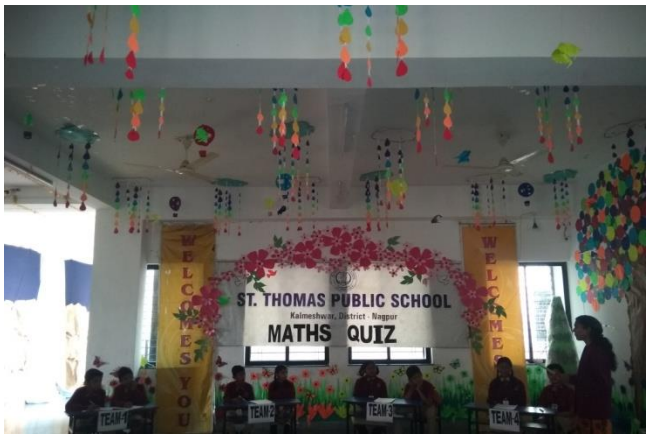
MATHS QUIZ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St. Thomas Public School, Kalmeshwar

Activity: Social -Science Exhibition
Section: Primary
Date: 01-02-2020

The main objectives of organizing Social-Science exhibitions are:

a) promoting interest in Science and Technology among younger generation.
b) encouraging scientific and technological creativity among students and inculcating a sense of pride in their talent.
c) providing exploratory experiences, encouraging creative thinking and promoting psychomotor skills among school students through self designed models or simple apparatus.
d) encouraging problem solving approach and developing appropriate technologies, especially for rural areas and integrating and applying scientific ideas in daily life situations.
e) popularizing Science and technology among masses and creating an awareness regarding its impact on socio-economic and sustainable development of the country.
f) To encourage students to conduct creative research and discover ways in which they can contribute to the development of society.
g) To lead students to draw heavily on all areas as a means of broadening and deepening social concepts.
h) To arouse public interest in and appreciation for the broad area of content in social studies.
i) To develop an appreciation and understanding among the public for the talent, skill and ability of youth.
j) To encourage parents to become more actively and appropriately involved in the education of their children.

WHY SOCIAL-SCIENCE EXHIBITIONS?

a) Social-**Science exhibitions in schools** at different levels are one of the easiest ways to enhance students' interest in science & technology as well as Social Studies.

b) A Social- Science exhibition is a wonderful tool that engages students in learning new facts with zeal of interest.

c) An exhibition is a platform for the students to work together in groups. This gives the opportunity for the students to develop social and moral skills. Students apart from the scientific knowledge learn to respect each other's views and thoughts, sharing experiences, cooperating with each other, managerial skills, skills of leadership, helping and caring about the feelings of fellow members.

d) Students enjoy learning through such exhibitions and feel a sense of belongingness as they make the models with their own hands.

e) The students apply their classroom and bookish knowledge in these exhibitions and develop taste for learning by doing.

f) The students speak about their projects in front of everyone and develop public speaking skills. It boosts the confidence of the students and outshines their personality. It removes their fear and provides a practical platform to learn by doing and experiencing their fears.

REPORT:

Social Science Exhibition was held at St. Thomas Public School on 1st February 2020 for classes III to VI. The Exhibition showcased various projects and models prepared by the students with the help of teachers. The projects and models put forth were related to the field of History, Geography and Science.

Class VI students (girls) displayed the model on 'The Harappan Civilization'. They exhibited the models of Types of houses, Town planning, The Drainage system during Harappan time. They also made a splendid model of 'The Great Bath' and Specialized craft such as ornaments, toys, stone weight, beads with the help of Fevicryl. The children who participated in this exhibition were.

1) Aishwarya Khiradkar
2) Arya Bhingare
3) Maithili Gotmare
4) Pruthvi Borkar
5) Sahili Tonge
6) Shrushi Taywade

Class V students exhibited models on 4 climatic conditions of the world.

1) Tropical Rainforest

Students put forth charts depicting how the rainforest look. They also prepared models which displayed species of plants and animals that live in the Tropical Rainforest .
The list of students who explained the models were:

1) Laksh Thakre
2) Chaitanyas Raut
3) Athag Gotmare
4) Swati Chambhare

2) Temperate Grassland

Students displayed models and charts describing the climate condition animals and plants found in that area.

The list of students who displayed the models were

1. Khushi Helonde
2. Anuj Bhende
3. Harshal Chachane
4. Harshal Zade.

3) The Desert Region

Students showcased charts and models explaining and describing the climate condition, animals and plants found in that area.

The list of students who explained model were:

1. Pratham Gotmare
2. Meenakshi Ingle
3. Devesh Bhakre
4. Diksha Tagde.

4) The Arctic Tundra Region

The Students exhibited a model and displayed charts on the Arctic Tundra region and briefed about its flora, fauna, and climatic conditions.
The list of Students who displayed model were:

1. Kiran Tajne
2. Tanmay Helonde
3. Rutika Awari
4. Vedant Suple.

Pottery

The students of class 3 displayed a wide array of models based on the evolution of pottery. They displayed model of various eras like Vedic era - later Vedic era, end of later Vedic era and Megalithic Era and put forth the models of pots of the same.

The list of students who participated were:

1. Siddhi Dange
2. Gunjan More
3. Nirali Gurav
4. Shravani Suke
5. Ritesh Khulge
6. Yatharth Meshram
7. Devanshi Khedkar
8. Rohan Tekade
9. Swara Mandavkar.

Textile

Students of class 3rd and 4th presented charts and displayed clothes of different types of textiles like Tie and dye, weaving, block print and embroidery.

They also showcased some famous paintings like Tanjore and Pattachitra. They also demonstrated the process of weaving and various dyeing technique like shibori and bandini.

The list of students who participated were:

1. Khushboo Rewatkar
2. Khanak Sarode
3. Dev Vegad
4. Jivel Asole
5. Chaitali Sarode
6. Srathak Wankhede
7. Parth Bagde
8. Soham Khuspare
9. Hruday Ikhar
10. Lawanya Tajne
11. Animesh Dhoke
12. Anshul Verma
13. Akshara Bhange
14. Sarthak Kadu
15. Vansh Bansod
16. Tanmay Somkuwar
17. Vaidehi Suple
18. Niyati Kumbhale
19. Adhyan Gahukar
20. Lawanya Tajne
21. Rohit Parihar.

They also demonstrated the process of block print on the cloth with the help of vegetables and wooden blocks.

There was a great deal of enthusiasm shown by the students as everybody appreciated the creativity and talent displayed by students.

Water Cycle

The students of class 4th displayed charts and model on water cycle. They explained in detail the process of evaporation, condensation, precipitation and the process of water returning to the sea.

Rain Gauge

The students of class 4th showcased charts and prepared a model on rain gauge using a plastic bottle. They also explained the importance of rain gauge which helps to measure the amount of liquid perception over an area and briefed about the types of rain gauge.

1. Tipping bucket rain gauge.
2. Weighing
3. Capacitance
4. Optical

The students who explained the charts and models were:

1. Sanyukta Gowardipe
2. Piyush Raut
3. Oshin Thool.

Methods of water purification

The students of class 4th displayed model and explained methods of water purification. The children demonstrated the process to separate impurities from muddy water and separation of clean water by sedimentation, decantation and filtration methods.

The lists of students who displayed charts and explained model were:

1. Mahesh Mankar
2. Siddhi Rathod
3. Devendra Mahotkar
4. Gunjan Adle
5. Girish Awari.

How does water reach our home?

The students of class 6th explained how water reaches our home from river. The children explained the process of how river water is collected into tanks and then later sent for filtration and finally is tested, cleaned and pumped through pipes to reach our homes.

The list of students who explained the process were

1. Trupti Arkara
2. Om Kukde
3. Rohan Zade
4. Purva Kinge
5. Anushka Gotmare
6. Suhani Dhote
7. Akshara Gotmare
8. Shaurya Ganar
9. Urvashi Mohatkar.

Electric Circuit

The students of class 7th (Boys) exhibited charts and showcased functioning of electricity and explained in details about good convectors and insulators with its examples.

The students who explained the working of electricity with the help of charts were

1. Yash Pandey

2. Sushant More

3.Atharva Potle.

Solar System

The Students of class 4th presented a project based on the theme ‘Our solar System’ where they spoke about different planets, Asteroids, meteors and comets and displayed working model on the solar system.

The list of students presented the charts were

1. Kushal Gondane
2. Palak Saonere
3. Aditi Gawande
4. Lokeshna Shirve
5. Om Amgaonkar
6. Vansh Jaysingpure.

Seasons

The students of class 4th exhibit working models showcasing the formation of seasons on the earth. The students explained types of season and the reason of it occurrence.

The list of students displayed charts and explained models were

1. Adarsh Gaikwad
2. Bhumeeka Kamale
3. Rakshit Thakre
4. Kalpak Parwat.

Day and Night

Class 3rd students displayed working model and charts on the formation of day and night and explained how it occurs.

The list of students who explainedthe model and charts were

1. Kaiwalya Kandalkar
2. Om Helonde
3. Jay Hatti
4. Hiren Helonde
5. Gaurav Gotmare

Phases of the Moon

Class 4th students displayed model and charts on phases of the moon and explained in detail about half moon, waxing crescent moon, new moon, waning crescent, half moon, waning gibbous moon.

The list of students who presented the models and charts were

Sanskruti Nimkar

Janhavi Lambase

Manasvi Wankar

Kavya Somkuwar

Khanak Sarode.

There was a great deal of enthusiasm shown by the students. The efforts of the students and the teachers were appreciated by the Parents and Education Department of Kalmeshwar. The members of St. Thomas Orthodox Theological Seminary also encouraged and motivated students by paying a quick visit and thus gracing the occasion. On the whole, this event was a great success.

Photographs:

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PHASES OF THE MOON
ELECTRIC CIRCUIT
DAY AND NIGHT
MOON

2

Sedimentation Tank
Sediment
Filtration Tank
Filter bed
Pump
Chlorine added to water

MADHUBANI

St. Thomas Public School, Kalmeshwar

Activity: Baby's Day Out
Section: Pre-Primary
Date: 01-02-2020
Report:

"Baby's Day Out" for children of classes Nursery to 2nd std. was organized at St. Thomas Public School on 1st February 2020. This fun –filled event was organized to bring in a feeling of caring, learning with fun and a friendly approach amongst the students.

One could see their faces lit with joy as they came around 9.00 am and were welcomed by the school staff. The theme for this event was –"The World of Colours".

The guests for the event were Rev. Fr. Jossi Jacob, Principal of St. Thomas Orthodox Theological Seminary, Kalmeshwar; Rev. Fr. B.M Thomas, Professor at St. Thomas Orthodox Theological Seminary, Kalmeshwar; Shri. Ambadas Girardkar, Cluster Head of Uparwahi.

As the theme says –"The World of Colours" the walls were given a particular colour, a subject and curricular games/activities related to the subject and class for the students were planned by the teachers.

- Brilliant Blue- Maths Time

At this counter the respective teacher had organised activities like sorting of big and small things for Nursery, sorting of shapes for LKG, counting for UKG, More or less for class 1, sorting of even and odd numbers for grade 2.

- Dazzling Orange- Art and Craft

The activities for this counter was bud painting for Kindergarten, and sponge painting for classes 1 and 2.

- Luminous Yellow- Language Time

The activities were alphabet recognition for Nursery, Upper and Lower case letters for LKG, CVC Words for UKG, Blend words and Compound Words for class 1 and 2.

- Radiant Purple- Maths Time

This counter had activities on preparing different patterns using the objects as per the level of the students.

- Majestic Green- GK

This counter had organized games like feed the frog activity for Nursery, sorting of fruits and vegetables for LKG, Germination activity for UKG, sorting of plant eating animals for grade 1 and sorting herbs, shrubs and trees for grade 2.

- Passionate Red- Language Time

The activities for this counter were matching of pictures with their beginning letter or sound for Nursery, placing of letters in front of the correct pictures for LKG, 3 letter word puzzle for UKG, matching of rhyming words for class 1 and sorting action words for grade 2.

- Fascinating Brown- Fine Motor Skills

The activities for this counter were helping the bear reach his home for Nursery, saving different insects from the spider's web for LKG, arranging of animal puzzles for UKG, completing the cake puzzle for grade 1 and 2.

In the end there was a fun game organised in the school lobby which the students enjoyed and were given sweets as a return gift before they left. Everyone had a great time and left reluctantly, wanting for more. The parents and the guests thanked the school management, the authorities and the staff verbally and also by writing special comments for organising such an event.

Photographs:

RADIANT PURPLE

LUMINOUS YELLOW

ZZLING ORANGE
RSERY A
NURSERY B
4

BRILLIANT
BLUE

FASCINATING
7

NG HALL
PASSIONATE RED
8

BROWN

A
B
C

WELCOMES YOU
ST. THOMAS PUBLIC SCHOOL
Kalmeshwar, District - Nagpur
THE WORLD OF COLORS
WELCOMES YOU

HAPPY
TEACHERS
DAY