

**REPORT OF EXPERIENTIAL LEARNING ACTIVITIES
FOR THE MONTH OF
JULY
CONDUCTED IN MIDDLE WING
SESSION 2022-23**

SCIENCE

CLASS VII

CHAPTER – 2: NUTRITION IN ANIMALS

Activity: Effect of Saliva on Starch

OBSERVATION- Students tested a presence of amylase enzyme in human saliva by doing an activity using boiled rice.

Students were very much excited to see the result of the activity.

Learning outcome-

In this activity Students performed a practical using reagent in lab.

Students have also developed skill of performing science practical and also learnt how to work together as a team.



CLASS VIII

MAJOR ACTIVITY: ECOVILLE

Science Major Activity for class VIII was conducted from 28 July 2022 to 02 August 2022. This activity was conducted to make the students understand the concept of science through fun.

Students were categorized into different groups as per their roll no. and topics were given to them in advance for their preparation.

Chapters Integrated

- i) **Ch-1 Crop production and Management**
- ii) **Ch-3 Synthetic fibres and Plastics**
- iii) **Ch-4 Material: Metals and non - metals**
- iv) **Ch- 11 Force and Pressure**
- v) **Ch-12 Friction**

❖ **Theme:** Agricultural practices/methods

❖ **Mode of conduction:**

✓ Student will analyse the topic and collect the information about the same.

- **GROUP 1-** Application of force, pressure and friction in agricultural implements
- **GROUP 2-** Role of elements in fertilisers and plant growth
- **GROUP 3-** Any one sustainable agricultural practice that increases the production and favours zero waste production.
- **GROUP 4-** Economic importance of Various crops in our life (Natural fibres, spices, medicinal plants, paper, rubber etc.) – Any 1
- **GROUP 5-** Practicum - Analyse the adverse effects of weed on the development of main crop. (Students will be growing two plant in the ground and will observe its growth with and without weeds)

Students presented the topics allotted to them through skits, video presentation and ppt presentation.

Learning outcome-

- In this group activity Students were able to express their ideas among their classmates.
- Students were also able to create their own stories based on the topic and presented it well in the class.
- Students have also developed skill of leadership quality and also learnt how to work together as a team.



SOCIAL SCIENCE

CLASS V :

Experiential Learning Activity- Making of Toys and Ornaments of Harappan Period

Students made variety of toys and ornaments with the help of the clay, stones, beads etc.

This activity was very informative. The students learned to make different crafts items in terms of ornaments and toys used in the Harappan period. The students very enthusiastic in doing the activity.



CLASS: VII

Theme: Creating a Terrarium

Making & Presenting a Terrarium

- Students had made a terrarium during the summer vacations and presented it in class as an individual activity.
- Students were able to understand the significance of a terrarium as an artificial enclosure for plants at home.
- Students showed their creative and presentation skills.



CLASS: VIII

GROUP Activity

Topic: Nukkad Natak on any recent agitation/law

- Students were divided into groups. They showcased an agitation/protest on recent law or incident through a Nukkad Natak.
- Sometimes a law can be constitutionally valid and hence legal, but it can continue to be unpopular and unacceptable to people because they feel that the intention behind it is unfair and harmful.
- Through this activity an awareness was created to show the involvement, extent and enthusiasm of the people to help Parliament perform its representative functions properly.



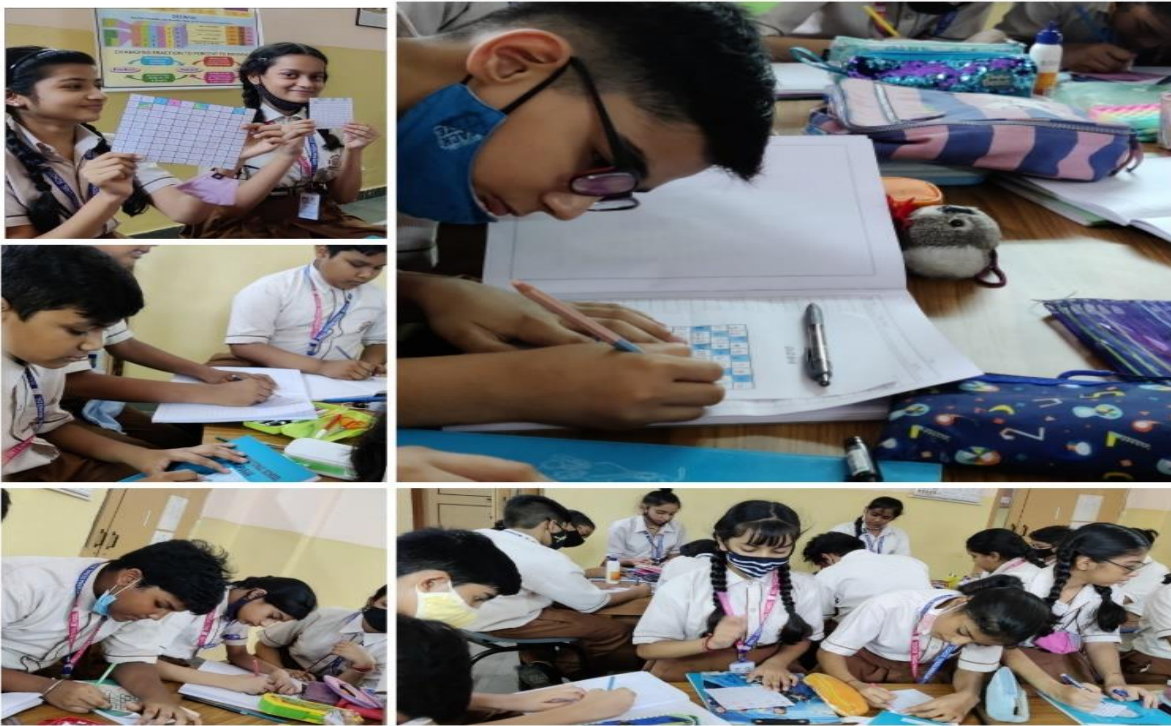
MATHS

CLASS VI

THEME: LCM of the given numbers

OBJECTIVE: To find the LCM of 3, 4 and 6 using 10X 10 grid.

Finding the LCM is most often used when adding or subtracting fractions with unlike denominators. When students understand how to find the least common multiple of two or more numbers, it can help them solve problems involving proportional reasoning. The LCM activity was conducted using a grid and colours, where the multiples of the three numbers i.e. 3, 4 and 6 were shaded with different colors. The concept of LCM was also explained using Geoboard and elastic rubber bands in the Mathematics Lab to show the LCM of 2 and 3. Students were thrilled to find the LCM by shading and by using other materials. They were able to understand the concept thoroughly.



THEME: Addition of Integers

OBJECTIVE: To add the integers with like and unlike signs

Integers is a very new and an abstract concept for the students of grade VI. Students learnt addition of integers using the like and unlike signs. The activity helped them to build their kinesthetic and cognitive skills. Four examples were demonstrated with the help of the cutouts. All the students thoroughly enjoyed the activity and learnt the concept in a new way.



CLASS VII

THEME: Probability

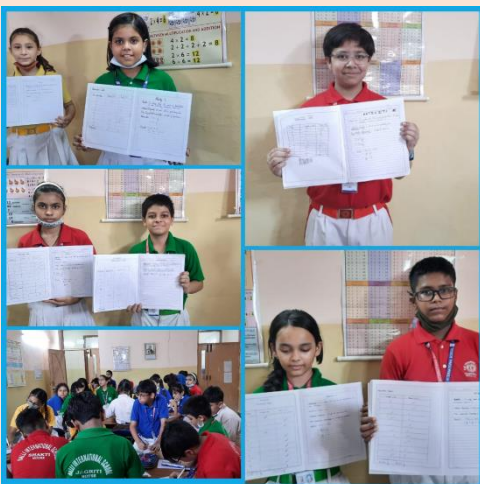
OBJECTIVE: To verify that the sum of two mutually exclusive events is 1.

“Probability theory is nothing but a common sense reduced to calculation.”

While doing Probability activity each student had to toss a coin. They had to repeat the same 10 times and note down the outcome in the prescribed table.

It's clear that there is no fixed pattern to get Heads or Tails as the outcome. Now they had to count the number of Heads and Tails individually and find their probabilities.

Finally, when they added the two probabilities it was bound to come as 1.



CLASS VIII

THEME: Card Activity

OBJECTIVE: To collect information about Pack of Cards.

“The only way to learn Mathematics is to do Mathematics”

Hands-on activities are important because it boosts student's confidence and helps them think creatively about mathematical relationships.

Card Activity was conducted successfully in all the five sections of VIII.

Students performed the activity and gained knowledge about pack of cards by using their kinesthetic skills.

The activity was fruitful for the students. They were able to understand the concept of probability by using pack of cards.



THEME: Data Management (MAJOR EL ACTIVITY)

OBJECTIVE: To handle the given data and find measures of central tendency.

Students were divided into three groups. A 200 m race was conducted with the help of Sports Teachers. Data was collected by the students. Students analyzed the data and represented it graphically. Then they have calculated the Measures of central tendency. Winner was also declared after calculation.

At last cross word puzzle was solved by each student.



MAJOR EL ACTIVITY
DATA MANAGEMENT

Group A		Group B		Group C	
Class	Tally Marks	Class	Tally Marks	Class	Tally Marks
40-50				40-50	
50-60				50-60	
60-70				60-70	
70-80				70-80	
Total				Total	12



14 July 22

MAJOR EL ACTIVITY
TOPIC - DATA MANAGEMENT

Group A : 200 m Race		Group B : 200 m Race		Group C :	
Members	Time (in sec)	Members	Time (in sec)	Members	Time (in sec)
Anahita	60	Khushi	46	Members	
Anmubhav	45	Krushna	50	Sankshat Gupta	
Anurag	40	Lakshya	60	Sankshat J	
Ayush	39	Lakshay	47	Shreyas	
Ayushman	46	Loxmi	56	Shreyasik	
Darsh	50	Megha	46	Shravan	
Devanshi	60	Pratik	41	Shreyans	
Gurpreet	37	Pratiksh	50	Shreyansh	
Gurjan	56	Pratyush	60	Shyam	
Ishika	41	Ramit	45	Tanmay	
Kanak Prusa	46	Rohit	41	Tishak	
Kavithraj	49	Somansh	46	Trishank	

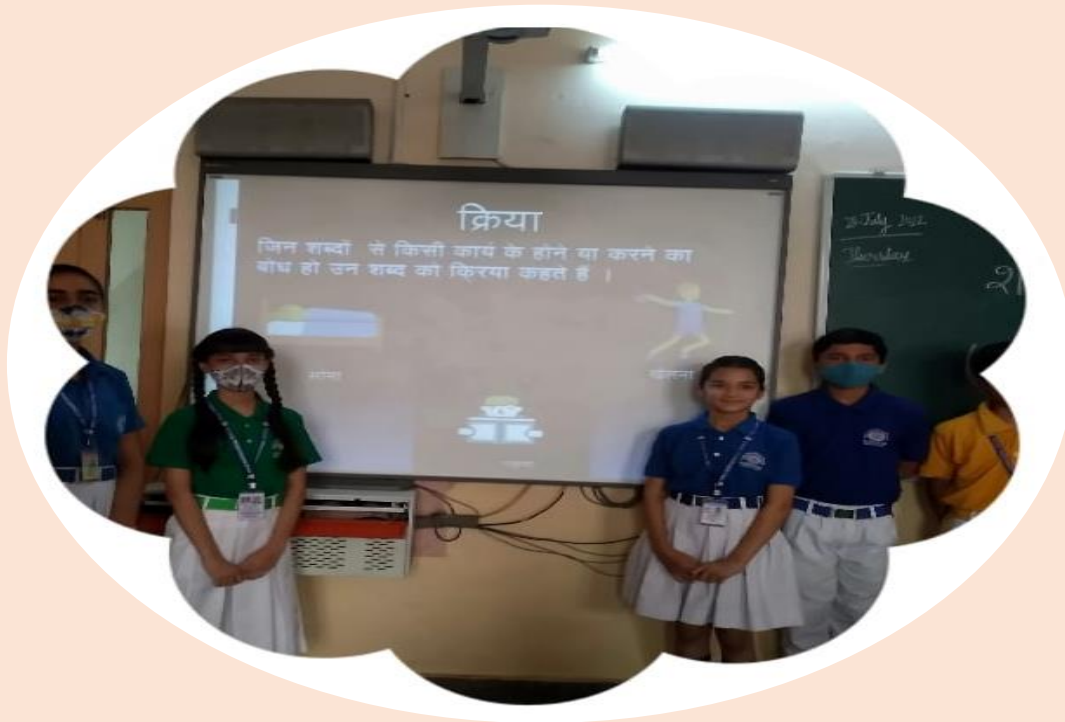
HINDI

CLASS VII

शब्दों का अभिनय प्रस्तुतीकरण (विषय संवर्धन सामूहिक गतिविधि)

ये दो दिवसीय गतिविधि थी | कक्षा में 'शब्दों का अभिनय प्रस्तुतीकरण' (सामूहिक गतिविधि) का आयोजन किया गया | इस गतिविधि के अंतर्गत छात्रों ने संज्ञा, सर्वनाम, विशेषण और क्रिया विषय से संबंधित पी पी टी प्रस्तुत की | छात्रों ने आत्मविश्वास के साथ अपने-अपने विषय पर कक्षा में विचार प्रस्तुत किए। कुछ छात्रों ने विषय से संबंधित चार्ट बनाकर अपने भावों को व्यक्त किया | कुछ छात्रों का प्रयास प्रशंसनीय था | छात्रों के वाचन-कौशल का विकास हुआ | इस गतिविधि के द्वारा छात्रों में संप्रेषणीयता के भाव के साथ-साथ आत्मविश्वास की भावना का भी विकास हुआ | कुछ छात्रों में आत्मविश्वास की कमी देखी लेकिन उन्हें प्रोत्साहित किया गया |





FRENCH

CLASS VI

Decrivez votre famille

Students presented their family. Few student made family tree too. By this they were able to enhance their speaking, grammatical skills and vocabulary.



COMPUTER SCIENCE

CLASS VI

Group activity

Topic: "EAT ME" LIST

Students of each group collected information on calories and fat content of food for popular choices like snacks, ice-creams, cold drinks etc. from Internet. Then they created an Excel sheet by applying various formatting effects to make it attractive. They had also insert pictures of different food items in the Excel Sheet.

Practical learning outcome:

Students were able to

- ❖ collect information on calories and fat content of food from Internet.
- ❖ create a datasheet in Excel.
- ❖ apply formatting effects in Excel.
- ❖ insert pictures from Internet to worksheet cells in Excel.
- ❖ work together in a team (Team or group work teaches students the fundamental skills associated with working as a collective unit toward a common goal).
- ❖ understand the quality of food that they eat.

