

# REPORT OF EXPERIENTIAL LEARNING ACTIVITIES FOR THE MONTH OF JULY CONDUCTED IN MIDDLE WING SESSION 2023-24

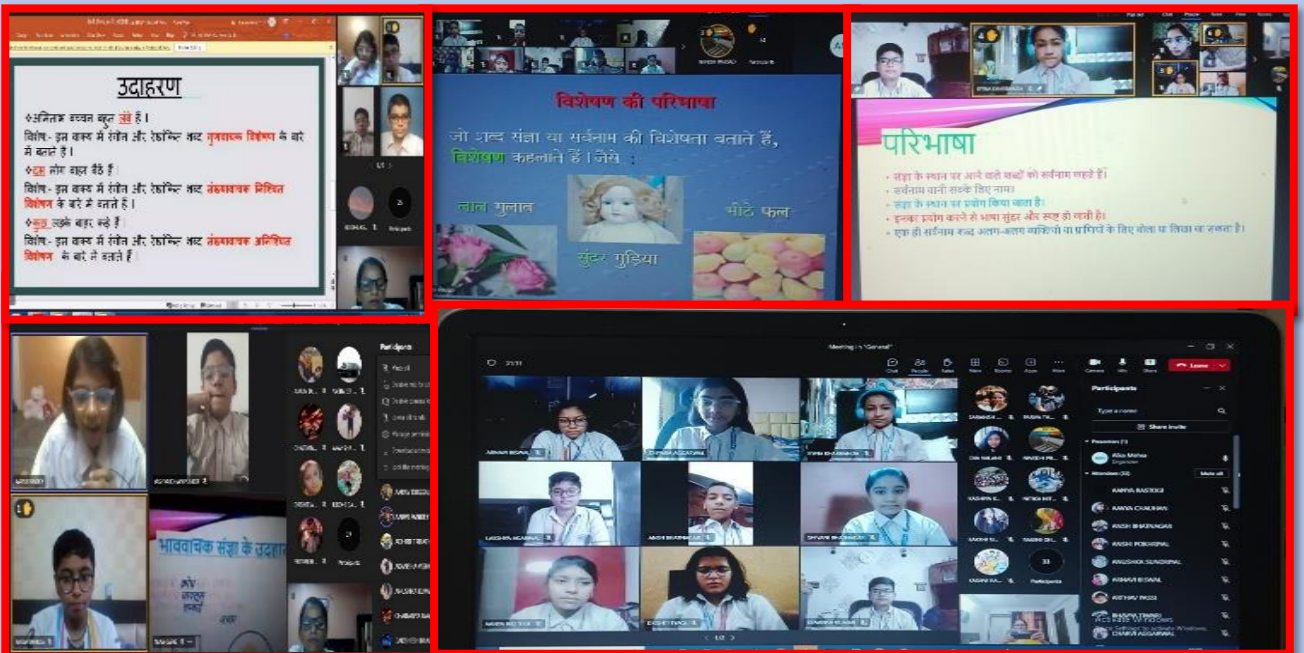
**HINDI**

**CLASS VII**

**शब्दों का अभिनय प्रस्तुतीकरण (विषय संवर्धन गतिविधि) (सामूहिक गतिविधि)**

**तिथि -11/07/23,12/07/23**

ये दो दिवसीय ऑनलाइन गतिविधि थी। ऑनलाइन कक्षा में 'शब्दों का अभिनय प्रस्तुतीकरण' गतिविधि का आयोजन किया गया। जिसमें छात्रों ने विषय से सम्बंधित (क्रिया, संज्ञा सर्वनाम और विशेषण ) पी पी टी के द्वारा अपने - अपने विचार प्रस्तुत किए। कुछ छात्रों ने विषय को विस्तारपूर्वक समझाया। सभी छात्र एवं छात्राओं ने बढ़चढ़ कर हिस्सा लिया। इस गतिविधि के द्वारा छात्रों में संप्रेषणीयता के भाव के साथ- साथ आत्मविश्वास की भावना एवं वाचन-कौशल का भी विकास हुआ। इस गतिविधि के अंतर्गत कुछ वर्तनी संबंधी त्रुटियाँ देखने को मिलीं और छात्रों को इन्हें दूर करने को कहा गया। छात्रों का प्रस्तुतीकरण बहुत ही अच्छा एवं सराहनीय था।



# MATHS

## CLASS VI

### TOPIC: ADDITION OF INTEGERS

**OBJECTIVE: To add the integers with like and unlike signs**

Integers being a new and an abstract concept for the students of grade VI, it was learnt in an interesting and creative way using cut outs to enhance their understanding of the concept. Students learnt addition of integers using the like and unlike signs. The activity helped them to build their kinesthetic and cognitive skills. Teachers helped the students by demonstrating the examples and guided them for a better learning outcome. All the students thoroughly enjoyed the activity.



## CLASS VII

### Topic: Dare to dart (2-day Major EL Activity)

**Objective: To enhance their skills of quick calculation and team work along with interest in the topic of simple interest.**

#### DAY-01

Math games provide a structure and process for children to engage in problem solving in order to reach a particular goal or objective and also develops interest in the subject.



Students were very enthusiastic to play 'Dare to Dart' game. The whole class was divided into groups of 6 students. Before the actual commencement of the game, the rules were explained to the students.

There were 3 rounds in the game during which students had to attempt various mathematical problems. For every correct answer team would get 5 marks and for not attempting or wrong answer 0 marks were allotted.

Finally, the team, that scored highest, was declared as the winner.



## DAY-02

Bingo game is a mathematical game that helps pupils to improve their cognition skills. It also helps them to learn about patience, coordination, and quick recapitulation along with increased mental strength.

In this activity students were instructed to make a grid of 3 by 3 in their lab files and copy any 9 selected answers to fill in their bingo grids. Once they had filled their grids, teacher revealed one question at a time. Students solved the question and crossed off the answer in the grid, if answer is available in their grid. The first student, who crossed all the answers in the grid got a "BINGO" and won the game.



## **CLASS VIII**

### **Topic: Card activity**

### **Objective: To learn the concept of probability with the help of cards.**

Hands-on activities are important because it boosts students' confidence and helps them think creatively about mathematical relationships. Probability shows how likely an event will happen. Being able to guess the likelihood of an event is a useful skill and this probability card game is the perfect way to learn it which was conducted successfully for the students of class VIII to let them understand the concept. Under the esteemed guidance of their mentors, students were able to perform the activity and gained knowledge about pack of cards by using their kinesthetic skills. The activity was fruitful for the students that made them confident about the concept of probability and related problem solving.



### **Topic: Data management (Major EL Activity)**

### **Objective: To handle the given data and find measures of central tendency.**

Students were divided into three groups. Each group collected data for their respective houses from all the sections of class VIII. After collection of data, they have calculated the central angle for each house i.e., Ekta, Shakti, Jagriti and Purna. Students analyzed the data and represented it through a circle graph. Then they designed a 2-D model of Pie-Chart. They summarized a large data in visual form. It was indeed a wonderful activity.







## SCIENCE

### CLASS VI

#### Activity-1: To study different parts of a flower:

"Getting to Know Plants" activity, conducted for the class 6 students, was aimed to introduce the fascinating world of plants to the students and help them to gain a better understanding about their significance in our lives. Through various hands-on experiences and interactive sessions, the activity sought to foster a sense of appreciation for nature and promote environmental consciousness.



In the activity "Dissection of a Flower" the students were engaged in hands-on learning about the anatomy of flowers. Students carefully observed and examined the different parts of a flower, such as petals, sepals, stamens, and pistils. This practical experience allowed students to connect theory with real-life examples, enhancing their botanical knowledge and scientific skills in an interactive and exciting manner.



## Activity-2: To measure the length of a curved line using a thread and a scale



The "Measure Length of a Curved Line" activity for Class 6 students, engaged them in a hands-on learning experience. They were introduced to the concept of measuring curved lines using a flexible measuring tape or string.



Students practiced measuring various curved shapes, such as circles, arcs, and irregular curves, and

learned to record their measurements accurately. This activity encouraged critical thinking, problem-solving, and mathematical skills while making the learning process enjoyable and interactive.

## CLASS VII

### 1. Major EL Activity- PODZOL (GROUP)

Students were divided into group and were guided to collect information about the given topics. Under the guidance of the teachers, each group collected the information about the allotted topic and presented the same through power point presentation, skit, role play or live demonstration. Following topics were presented by the groups of students in a very creative and thoughtful manner-

- Five plants which grow in acidic /basic /saline medium-



Students presented different plants which grow in acidic, basic and saline medium and discussed about their features. They explained the role of soil for the growth of plant and how plants play an important role in controlling soil erosion.



- Explore Hydroponics-

Students presented hydroponic mechanism to grow plants, which is a soil less method and also discussed about the important features, benefits and drawback of the system.

- Investigate the effect of magnetism on seed germination-

Students researched on the effects of magnetism on seed germination and the growth of plants and presented beautifully in the class.

- Role of plants in generating electricity-

Students explored various plants and plant parts that are used to generate electricity. They presented this new and upcoming concept in front of the class in a very creative way. This activity helped to develop observational and research skills among students

## 2. Activity- To show the effect of saliva on starch using iodine solution.

### (LAB ACTIVITY)

Iodine is a lab reagent that is used to test the presence of starch. Blue black colour obtained with the sample confirms the presence of starch in the given test sample. This concept was introduced to the students through lab activity

Students observed that the starch present in cooked rice give test with iodine solution and turns into blue black colour. The cooked rice when chewed turns into sugar and does not give test with iodine solution.

Learning Outcome - Students learnt that the presence of starch can be confirmed if the sample gives blue black colour with the Iodine solution.



### CLASS VIII

Experiential learning focuses on the idea that the best ways to learn things is by having experiences. Those experiences create a long-lasting effect and help to develop a better understanding of the concepts.

### MAJOR E.L ACTIVITY: GROUP ACTIVITY

#### THEME: AGRICULTURAL PRACTICES

#### MODE OF CONDUCTION: PPT/ ROLE PLAY

Students were divided into five groups and each group was given a topic to be explored and prepare a presentation:

**Group 1-** Explained the various agricultural practices based on effect of force and pressure and also on types of friction through PPT.

**Group 2-** explained about the use of Fertilizers, Manures, and various elements that is needed for plants growth. And how excessive use of fertilizers can be harmful for environment.

**Group 3-** explained about sustainable agricultural practices that can be used to increase the production and enables zero waste production.

**Group 4-** Explained on any topic about the Economic importance of various crops in our life (Natural fibers, spices, medicinal plants, paper, rubber etc.)

**Group 5-** Created a Terrarium and analyzed the adverse effects of weeds on the development of the main crop in it. They also explained the importance of removing weeds from the main pot or field.



Enthusiastic participation of students to perform the activity was worth watching and it gave a great learning experience to them



# SOCIAL SCIENCE

## CLASS VI

### Individual Activity

### Topic: Role Play on Rural Livelihood

- Teacher guided the students to choose any rural occupation (farmer, milkman, doctor etc.) and do a short presentation to showcase - how they earn their livelihood, what are their responsibilities and what problems do they face. The students used their creativity for the presentation (dress up, presentation, illustration, poster etc.)
- The EL activity was conducted during online classes.



### Learning outcome-

- 1- Students learnt about the various kinds of occupations in rural areas.
- 2- They understood about the duties and responsibilities of the people in serving their work.
- 3- Students also understood the obstacles and problems faced by the people.





## CLASS VII

### Individual Activity

#### Topic: Terrarium

Students were guided to create a terrarium during their summer vacations and presented their project in the class:

- Students created beautiful terrariums and presented their project during their online classes by taking full technical support of



using virtual backgrounds.

- They explained the meaning of a terrarium and the steps for creating it.
- They also shared the advantages of a terrarium and the problems faced by them while making it.
- Through this activity, students showcased their creative and technical skills and enhanced their presentation skills as well.



#### LEARNING OUTCOMES:

- They understood the meaning and significance of a terrarium.
- They understood the advantages and disadvantages of a terrarium.
- it helped them to enhance the creative and technical skills of the students and to improve their presentation skills.

## CLASS VIII

### Group Activity

#### Topic: INQALAB ZINDABAD (LONG LIVE THE RESOLUTION)

Students were introduced about the historical events and guided to make a PPT and prepare a role play on the events related to the freedom struggle highlighting the Revolt of 1857. They were also briefed to locate the important places related to the revolt on the political map of India.







Students were able to find out facts related to the Revolt of 1857 and presented the details of the revolt through PPT and Role Play.

It was a great learning session for the students to compare, analyse, and synthesize historical data from different periods in Indian history.

## FRENCH

### CLASS VI

#### Topic: **Décrivez votre famille.**

Experiential learning activity on the topic '**Décrivez votre famille.**' was assigned to the students of Class VI. The sole purpose of the activity was to provide creative space to the children to express their family. The activity was performed individually by all the students wherein they were guided to make a family tree or collage and write few lines about their family and present it in the class. The students enjoyed a lot while learning as they understood well how to frame sentences well. This activity enhanced their vocabulary and speaking skills and developed a better understanding for the language. Their participation was really markable.



### CLASS VII

#### Topic: **Comment ils célèbrent leur anniversaire.**

Experiential learning activity on the topic '**Comment ils célèbrent leur anniversaire**' was assigned to the students of class VII. Students performed individually. In this activity, they were guided to make their birthday invitation and write few lines on highlights of their special day. Making an invitation card enhanced their creativity. They learnt the basic form of writing invitation in French and get a better understanding of the language. The participants appealed and convinced with their appropriate facial expressions, voice modulation and exhibited great oratory skill.



## CLASS VIII

### Topic: Donner des conseils à votre ami qui a examen suivant semaine : Utilisation impérative



Experiential learning activity on the topic ‘Donner des conseils à votre ami qui a examen suivant semaine : Utilisation impérative’ was assigned to the students of class VIII. Students performed individually. In this activity, they were guided to frame imperative sentences to give some suggestions for upcoming exams. They learnt the usage of command form (imperative). The motive of the activity was to build their confidence and boost their writing skills. Students were enthusiastic and performed the activity creatively.

## COMPUTER SCIENCE

### CLASS VII

#### Group activity

#### Topic: Animation in Photoshop

Students were asked to create a road scene using layers and show a moving car using motion tween. Students searched for background and car images and inserted them as layers in Photoshop. Students created a video layer and converted layers into frames. The position of car



was changed on first and last frame, tween effect was applied to show animation. This activity helped them to enhance their technical skills.

### CLASS VIII

#### Group activity

#### Topic: Designing in Photoshop

Students were asked to create a page in Photoshop on the topic “Human Rights Day”. Students searched for the images and added them as layers. Different types of tools like magic wand, clone stamp, paint, type tool etc. were used to edit the images. Students also used a gradient filled background to give an attractive look to the page and explored their technical learning.

