

# Mukand

**MUKAND LAL PUBLIC SCHOOL, SAROJINI COLONY YNR**

Affiliation No. 530294

School Code: 40279

Website : [www.mlpschool.edu.in](http://www.mlpschool.edu.in) Contact No. 01732-250092, 257513

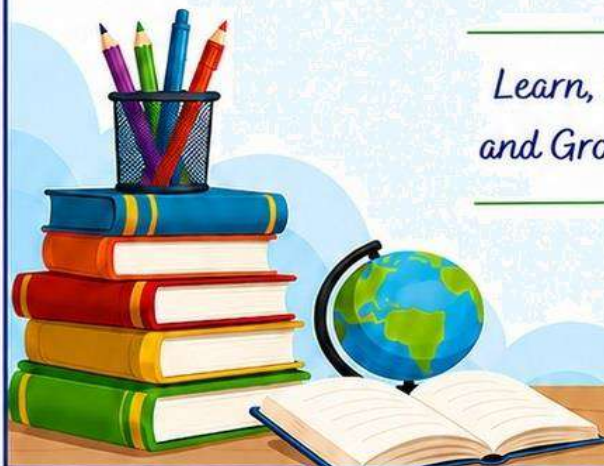


# HOLIDAYS HOMEWORK

SESSION (2026-27)

Class - VI

★  
*Learn, Explore, Enjoy  
and Grow this Holiday!*



Dear Parents

As we welcome the much-awaited summer break, we are delighted to share the Holiday Homework for the Academic Session 2026-27.

Summer vacation offers children a wonderful opportunity to explore, reflect, and learn beyond the boundaries of the classroom. Keeping this spirit in mind, the assignments have been carefully planned to ignite curiosity, inspire creativity, and foster empathy among our learners.

In accordance with the vision of the National Education Policy (NEP) 2020, these activities emphasize experiential, value-based, and project-oriented learning. They are designed to help students relate academic concepts to everyday life experiences. Each task encourages learners to discover their interests, strengthen essential life skills, and develop a broader understanding of the world around them.

With your constant support and encouragement, we are confident that this summer break will become a meaningful journey of learning, growth, and joyful experiences for every child.

Principal



## ENGROSSING ENGLISH

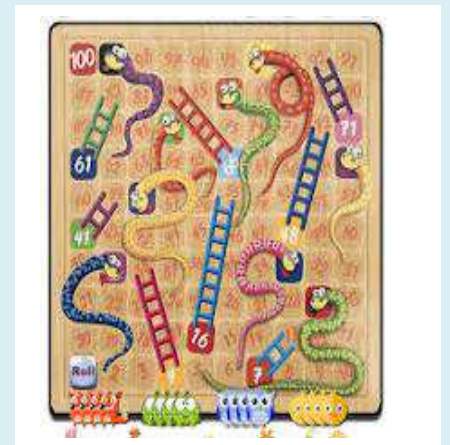
**Roll No. : 1 to 10**

**Advertisement:**

1. Design an A3 size advertisement for a "Smart Kisan Drone- The future of farming"  
Include catchy slogans to save soil, features, drawing of drone over green fields.

2. **Board Game: "Save the Soil"**

- Design a Ludo-style or Snakes & Ladders game
- Rules:
  - Good actions (composting, drip irrigation) = climb up
  - Bad actions (overuse of chemicals, pollution) = go down
- Add fun task cards like:
  - "Install soil sensor → move +3"
  - "Used pesticides → go back 2"



**Roll No. : 11 to 20**

**Travelogue-**

Make a travelogue with Title: A Trip to My Grandparents' Farm(Places & things you saw)

**Task:** Write about your visit to a village/farm. Describe the soil, crops, tools, and people you saw.  
Mention one smart solution you learned that can help farmers today.

**Hint:** Start with "Last month, I went to..." End with "The soil teaches us to grow." **Poster on Traditional Agriculture (THEN)**

**Roll No. : 21 to 30**

**Narrative Story-150 words**

**Title:** The Day Bhoomi Spoke

**Hint:** Bhoomi = Soil. Write a story where the soil becomes a character.

**Plot:** Soil is tired due to too many chemicals. A Class 6 child finds a smart solution using sensors and organic methods to make soil healthy again.

**Moral:** "Healthy soil, healthy life."

**Roll No. : 31 to 46**

**Dialogue Writing**

**Soil Comic Newspaper Strip**

**Task:** Instead of full comic, make daily strips

**Day 1: Problem**

**Day 2: Damage**

**Day 3: Smart solution**

**Day 4: Happy soil**

**OR**

**Create a comic on:**

**Captain Compost vs Dr Pollution"**

**Show how compost helps soil and pollution harms it.**

**Extra:**

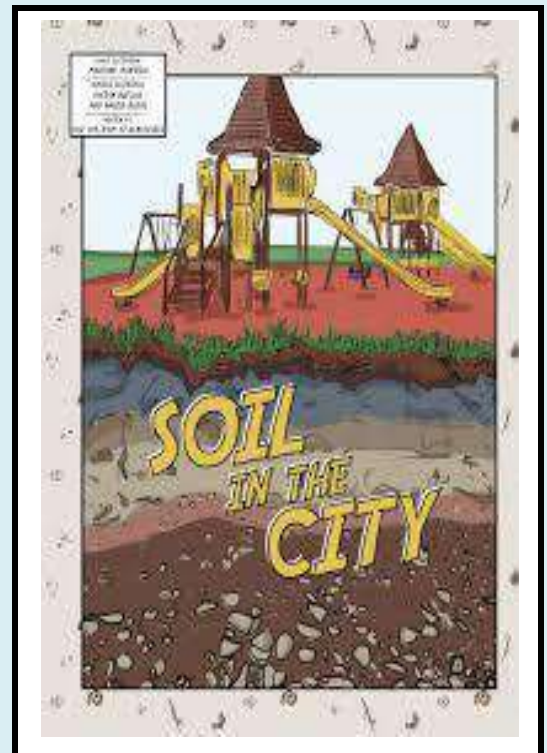
**Poem Writing**

**Write a poem on:**

**"I Am the Soil"**

**Use different vocabulary on Soil.**

**Create a story using smart irrigation system. Depict them with the help of pictures also.**



OR

## Story Writing with Twist-100 words

Prompt: In 2040, Raju's robot refused to harvest wheat because it detected something in the soil....

Complete the story with a surprise ending about smart solutions.

Word Bank: sensor, healthy, solution, microbe, happy

TRAVELOGUE on different types of soil in different places.

## Before vs After Flip Book

Task: Show change:

Page 1 → Dry soil

Page 2 → Polluted soil

Page 3 → Smart solution

Page 4 → Healthy farm

Flip effect makes it fun

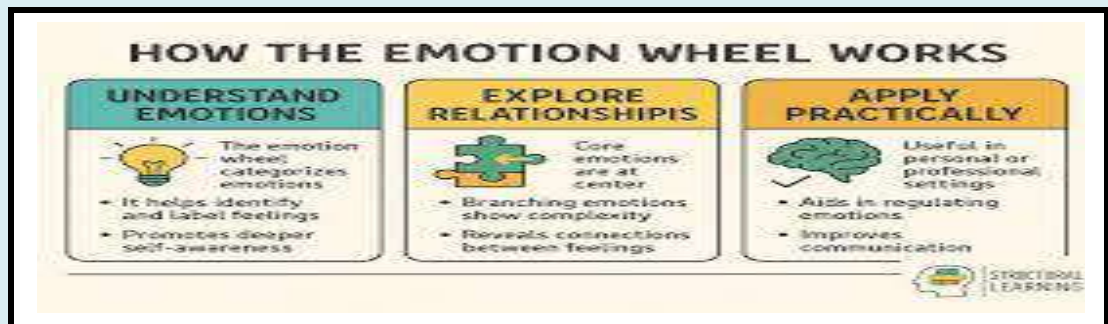
## Emotion Wheel of Soil

Task: Draw a wheel

Sections:

- Happy soil
- Angry soil
- Sick soil
- Healthy soil

Write reasons for each.



# Harmonious Hindi

## Roll No. : 1 to 10

मिट्टी के विभिन्न रूपों का सचित्र शाब्दिक प्रस्तुतीकरण करके एक परियोजना तैयार करें।

## Roll No. : 11 to 20

मिट्टी हमारे अस्तित्व का आधार है। इन्हीं भावों से युक्त नारा लेखन संबंधित कार्य कीजिए।



## Roll No. : 21 to 30

एक गमले में पौधा लगाकर और (4-5) दिन लगातार पानी देकर उसमें आए बदलाव को अनुभव करें और उसे अनुभव को अपने शब्दों में लिखिए।

## Roll No. : 31 to 46

'मिट्टी' शीर्षक संयोजित एक कविता लिखिए। जिसमें उसकी विशेषताओं और कृतज्ञता का भाव निहित हो।

# STIMULATING SCIENCE

## Roll No. : 1 to 10

1. "Smart Farming Model" with chart on evolution of farming and wall hanging on Save soil-save farmer

Model Idea:

Then (Bullocks, tools) → Now (Tractors, Machines) → Future (AI farming with robots in the farm)

2. Model on "Soil to Clean Water (Future Water Warriors)"

Then: Working model of filtration bottle

Now: Model of RO purifier

Next: Chart on Nano water purification with wall hanging on clean water – healthy future

## Roll No. : 11 to 20

### 3. Model on "Soil to Medicines (Nature Doctors)

Make a model showing medicines used in past (from plant parts), present (syrups, tablets etc.) and nano medicines that work only on the diseased part + wall hanging on evolution of medicines.

### 4. Model showing Hydroponics:

Model of Vertical farming using stacked trays and bottles with chart showing benefits of urban farming.

## Roll No. : 21 to 30

### 5. Model "Soil Detectives" (Students will prepare natural indicators samples)

Mini lab set up to test the acidity and basicity of soil samples using natural indicators

Wall hanging showing importance of healthy soil + chart showing impacts of using excess chemicals in soil.

## Roll No. : 31 to 46

### 6. Model "Soil to Oxygen" (How soil is providing oxygen indirectly to us)

Students will make a model comparing forest area in past and now

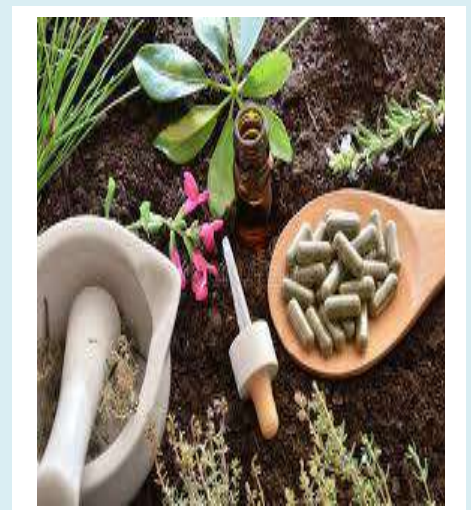
For future they will show oxygen chambers in the city

### 7. Model Making on Traditional vs Modern Irrigation Systems

Then: Through natural water resources

Now: Through sprinklers

Next: Automated drip irrigation using sensors



# SIGNIFICANT SOCIAL SCIENCE

**Topic: Soil to Smart Solutions**

**Theme: Then, Now and Next**

**Instructions:**

- Each group must complete 2 types of homeworks among the following :

1. Model Making
2. Poster Making
3. Slogan Writing
4. Chart Making
5. Placard Making

**Group 1 (Roll No. 1-5)**

**1. Model Making:**

Create a model on Different Types of Soil

Instructions:

- Use eco-friendly materials
- Label all parts clearly

**2. Poster Making:**

- Make a colorful poster on 'Then, Now and Next in Agriculture'

**3. Slogan Writing:**

- Write 5 catchy slogans on Saving soil and Smart farming

**Group 2 (Roll No. 6-10)**

**1. Model Making:**

Create a model on 'Soil to Smart Solutions' such as:

- Smart Farming Techniques

Instructions:

- Use eco-friendly materials

**2. Poster Making:**

- Make a colorful poster on 'Grow Green at Home'



### 3. Chart Making:

- Prepare a chart showing comparison of traditional vs modern farming

### Group 3 (Roll No. 11-15)

#### 1. Model Making:

Create a model related on 'Soil to Smart Solutions' such as:

- Irrigation System

Instructions:

- Use eco-friendly materials

#### 2. Chart Making:

- Causes and Preventin of soil pollution

#### 3. Placard Making:

- Create placards promoting Soil Conservation

### Group 4 (Roll No. 16-20)

#### 1. Model Making:

Create a model on Soil conservation

Instructions:

- Use eco-friendly materials as grass, sand and cardboard
- Label all parts clearly

#### 2. Poster Making:

- Make a colorful poster on 'The Importance of Soil

#### 3. Slogan Writing: Protect soil for future generations.

### Group 5 (Roll No. 21-25)

#### 1. Model Making:

Create a model on Smart farming methods.

Instructions:

- Use dummy sensors, cardboard
- Label all parts clearly

#### 2. Poster Making:

- Make a colorful poster on 'organic is the future



### **3. Slogan Writing:**

- Write 5 catchy slogans on Saving soil and Smart farming

### **Group 6 (Roll No. 26-30)**

#### **1. Model Making:**

Create a model on soil conservation ( Terrace farming, afforestation )

#### **Instructions:**

- Use eco-friendly materials

#### **2. Poster Making:**

- Make a colorful poster on 'Then, Now and Next in Agriculture'

#### **3. Chart Making:**

- Prepare a Chart showing eco-friendly materials in farming

### **Group 7 (Roll No. 31-35)**

#### **1. Model Making:**

Create a model on Drip Irrigation

#### **Instructions:**

- Use plastic pipes, nozzles and cardboard

#### **2. Poster Making:**

- Make a colorful poster on Importance of soil

#### **3. Slogan Writing:**

- Write 5 catchy slogans on 'Save water Save soil'

### **Group 8 (Roll No. 36-40)**

#### **1. Model Making:**

Create a model on Smart Village

- Smart Farming Techniques

#### **Instructions:**

- Use eco-friendly materials

#### **2. Poster Making:**

- Make a colorful poster on 'Smart Village, Strong Nation'

#### **3. Chart Making:**

- Prepare a chart on Different Layers of Soil

## Group 9 (Roll No. 41-46)

### 1. Model Making:

Create a model on Crop Rotation

#### Instructions:

- Use eco-friendly materials
- Use waste material, plants, cardboard, soil
- Ensure neat presentation

### 2. Placard Making:

- Old farming methods

### 3. Slogan Writing:

- Write 5 catchy slogans on Saving soil and Smart farming



# MAJESTIC MATHS

## Ch 1

### Patterns in Numbers

1. Draw the shape sequence of regular polygons starting with a 3-sided polygon and ending with a 6-sided polygon.
2. Draw a stacked square with 36 small squares
3. Sidhant has made a pattern by starting at 37 and adding 15 each time. Write the first four terms of this pattern.
4. Identify the sequence and write its rule 2,4,8,16,32.....
5. What are the uses of mathematics in daily life? Give 6 points
6. The number of bacteria in a petri dish doubles every 30 minutes. Starting with 1 bacterium, how many bacteria will be there after 6 hours?
7. The storage capacities of the pen drives produced by a company every year in the last 5 years are 8 Gb, 16 Gb, 32GB, 64GB, 132GB, respectively. Identify the pattern. Predict the storage capacity of the pen drive that will be launched after 2 years.
8. 11. What happens when you add up the pairs of consecutive triangular numbers? That is take  $1+3$ ,  $3+6$ ,  $6+10$ .....? Which sequence do you get? Explain it with a picture.
9. Which sequence do you get when you start to add the counting numbers up? Can you give a similar pictorial representation?

10. Write the next two terms of each number sequence

- a) 8,16,32,64 \_\_\_\_, \_\_\_\_\_
- b) 3,6,11,18, \_\_\_\_, \_\_\_\_\_
- c) 64,32,16,8 \_\_\_\_, \_\_\_\_\_
- d) 3,9,27,81 \_\_\_\_, \_\_\_\_\_
- e) 4,9,16,25, \_\_\_\_, \_\_\_\_\_
- f) 1,3,6,10,15, \_\_\_\_, \_\_\_\_\_
- g) 6,12,24,48 \_\_\_\_, \_\_\_\_\_

11. How many little squares are there in each shape of the sequence of stacked squares? Which number sequence does this give? Explain it with the help of pictorial representation.

12. Use the pattern rule to make the pattern. Write the first 4 terms.

- A) Start with 7 and subtract 5 each time: \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_\_
- B) Start at 63 and divide by 7 each time \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_\_

13. The flowers of a plant bloom in a pattern: 3 flowers on day one, then twice as many on each subsequent day. How many new flowers will bloom on Day 5?

14. You have noticed that 9 is both an odd number and a square number. Show using pictorial representation.

15. A honeycomb follows a hexagonal pattern. If the first row has 1 cell, the second has 7 cells and the third has 19 cells, how many will be in the fourth row?

16. Complete the following number sequence and find the sum:  $1 + 2 + 3 + \_ + 5 + \_ + 7 + \dots + 11 + \_ + \dots + 7 + \_ + 5 + 4 + 3 + 2 + 1 =$

17. What are the first five powers of 2? \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

18. Fill in the blanks and identify the pattern.

- 1
- $1+7 =$  \_\_\_\_\_
- $1+7+19 =$  \_\_\_\_\_
- $1+7+19+37 =$  \_\_\_\_\_

19. Classify the following numbers as “triangular”, “square”, or “hexagonal”,:19 ,36,37,45 and 121

20. Write a numbers which can be represented differently in different sequence and play different roles and give pictorial representation of that numbers?

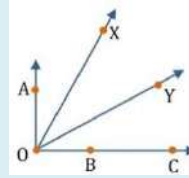
## Ch 2

### Lines and angles

- 1. Draw and label an angle with arms AB and AC.
- 2. Make one acute angle and one obtuse angle.
- 3. Mark any three points on your paper that are not on one line. 4.Label them A, B, C. Draw all possible lines going through pairs of theses points. How many lines do you get? Name them. How many angles can you name using A, B, C? Write them down, mark each of them with a curve.
- 4. What will be the angle formed at

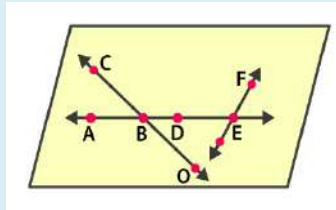
A) 60' clock b) 3 0' clock c) 9 o'clock

5. Use a protractor to draw an angle of a) 75 degree  
b) 135 degree  
c) 85 degree

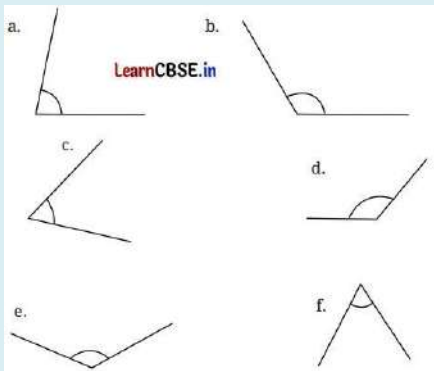


6. Name all the angles in the given figure.
7. Draw a rough figure and write labels appropriately to illustrate each of the following: (5)
  - (a) Lines OP and OQ meet at O.
  - (b) Lines AB and PQ intersect at point C.
  - (c) Line m contains points C and G but not point D .
  - (d) Point F Lies on GH.
  - (e) A polygon with eight sides

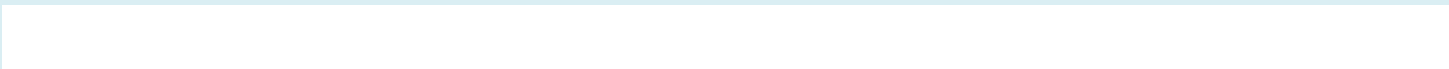
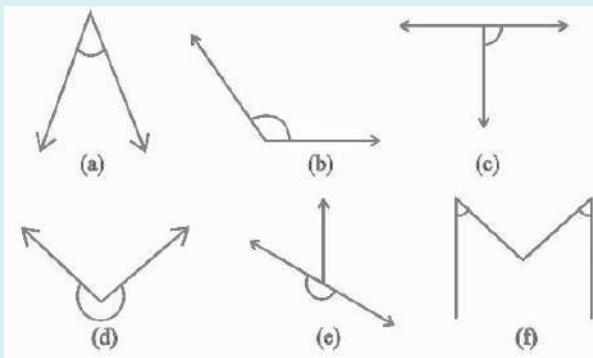
8. Use the figure to name
  - i) Line containing point E
  - ii) Line passing through A
  - iii) Line on which o lies
  - iv) A pair of intersecting lines
  - v) Points which lie on line AE



9. Measure and write the angle in degree. Also identify the types of angles in each part



10. Classify the following angles as acute , obtuse, straight, right or reflex



# Astonishing AI

**Roll No - 1 to 20**

## Smart Farm Diary (AI + Story Writing)

1. Each student writes a “**Smart Farm Diary**” for 5–7 days from the perspective of a **smart robot gardener** or **AI-assistant farmer**.
2. They explain how the robot uses **sensors** (for soil moisture, sunlight, temperature) and **AI** to decide when to water plants or apply fertiliser.
3. The language should be simple and creative (like a short story), and they can draw the robot and its farm.

Link to theme: From normal soil → smart-sensor-based farming.

**NOTE: Minimum 20 pages should be there in the diary.**

**Roll No - 21 to 46**

## “AI Around Me” Poster with Soil Connection

1. Students make a **poster** with:
  - One side: **Natural soil / farming** (draw fields, crops, soil types).
  - Other side: **Smart solutions** (AI-based weather apps, soil sensors, drone farming).
2. Under each smart solution, they write how AI helps:
  - Predict rain.
  - Tell farmers when to sow seeds.
  - Prevent over-watering.
3. AI focus: Real-life applications connected to agriculture.



# ARTISTIC ARTS

Let's get crafty these holidays. Your task is to make a beautiful "Rangoli with wool" like the one in the picture.

No expensive stuff needed. Just use waste cardboard , glue, wool and your imagination. Also a TRADITIONAL ART of INDIA Warli painting(6<sup>TH</sup> A & B) , Madhubani Painting (6<sup>th</sup> C & D) , Pattachitra painting (6<sup>th</sup> E&F), Gond Painting (6<sup>TH</sup> G&H) on A3 Sheet. And bring your masterpiece after holidays.



Rangoli with Wool



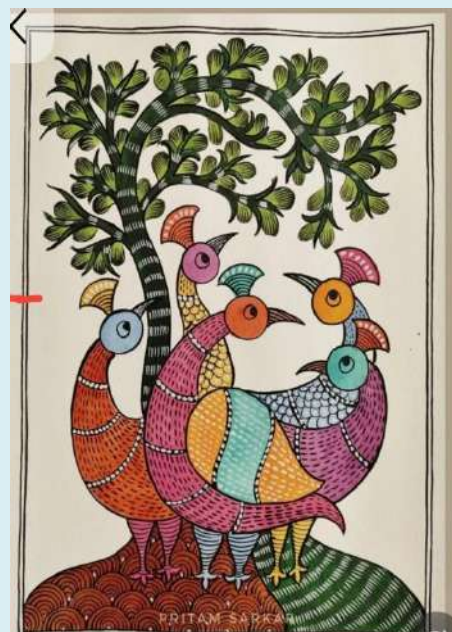
Warli Art



Madhubani Art



Pattachitra ART



Gond Art

# EBSB PROJECT

To celebrate the unity in diversity of our nation **EK BHARAT SHRESHTHA BHARAT (EBSB)** program is launched by CBSE. Its aim is to foster National Integration through linguistic literacy, cultural, sports, tourism and other forms of people to people exchanges. All the states are paired in 16 groups. For the session (2026-27) Pairing state of **Haryana** is **MANIPUR**

So your **EBSB** Project work is based on the same. You all will make and maintain a **State project Notebook** as per following instructions:

➤ **TitlePage**

*MUKAND LAL PUBLIC SCHOOL, SAROJINI COLONY, YAMUNANAGAR*

## 'EK BHARAT SHRESHTHA BHARAT'

**Name of Project:** \_\_\_\_\_

**Name of Student:** \_\_\_\_\_

**Name of ClassIncharge:** -----

**Roll NO:-** -----

**Class&Section:** \_\_\_\_\_

**Signature of Class Incharge:** \_\_\_\_\_

### **1- 2 Page**

Make beautiful map of the states of Haryana and Manipur

### **3rd Page**

Make state Emblem of Manipur and Haryana

### **4-6thPage**

- Learn and write 5-10 alphabets in Manipur language
- Make state bird and state animal of Manipur

### **PROJECT WORK**

**Roll no 1-10** Make puppets of the freedom fighters of Manipur using ice cream stick and other waste material. Make a 3D model

**Roll no 11-20** Make a 3D model on festivals of Manipur and Haryana. Show comparison

**Roll no 21-30** Compare the different food items of Haryana and Manipur by means of a 3D model

**Roll no 31-46** Make a 3D model on Famous Tourist Places of Manipur and Haryana.

Show differences

# Art Integrated Learning Project

## English

### **Paint your Imagination**

Take a big scarf and paint the famous Cheriya Scroll painting. Give it a beautiful tagline also

## Science

Prepare a creative spinning wheel on the topic “Soil Solutions”.

Use cardboard/chart paper to make rotating wheel.

Show different soil problems (soil erosion, pollution, deforestation, loss of fertility, etc.).

Match each problem with a suitable solution (planting trees, composting, reducing plastic, etc.).

Decorate the project neatly using colours, labels, and drawings.

## Maths

**Students will survey at least 10 households/farmers/gardeners and collect information on:**

Q1 What type of soil is found in your area?

Q2 What problems are faced due to soil?

- a. Soil erosion
- b. Waterlogging
- c. Low fertility
- d. Dry soil

Q3 Which smart solution is used?

- a. Compost manure
- b. Drip irrigation
- c. Rainwater harvesting
- d. Plantation
- e. Organic farming

Q4 Has the solution improved soil quality?

Yes / No

### Survey Table Format

S.No	SOIL TYPE	PROBLEM OBSERVED	SMART SOLUTION USED	IMPROVEMENT SEEN

### Students will:

- Use tally marks
- Count frequency of problems and solutions

### Draw:

- Bar Graph
- Pie Chart

## Social Science

Colours of Incredible India

Create a beautiful AIL Social Science Project on the topic “Unity in Diversity.”

Use a big chart paper and show the rich culture of India through:

- Festivals
- Traditional Dresses
- Food
- Dance Forms
- Languages & Monuments

Decorate it creatively and write a meaningful tagline also.

“Many Cultures, One Nation”

## Hindi

मिट्टी के विभिन्न प्रकारों को चित्रों के माध्यम से फ्लैश कार्ड के रूप में प्रस्तुत कीजिए।

**Instructions: Please find portfolio attached below in the holidays. Complete the portfolio neatly and creatively. Preserve all holidays homework, worksheets, and project work in this file. Paste relevant photographs, certificates, or artwork wherever required. Submit the completed portfolio after the holidays.**

**Note: This portfolio is a sample template for reference only. Students may design and create their own portfolio using their creativity. The portfolio may be handmade or prepared in typed form.**

# STUDENT PORTFOLIO

## MUKAND LAL PUBLIC SCHOOL

### STUDENT PORTFOLIO TEMPLATE

MODE OF SUBMISSION: HANDWRITTEN/TYPED IN A PROJECT FILE

Session: 2026–27

#### COVER PAGE

Student Name: \_\_\_\_\_

Class & Section: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Teacher's Name: \_\_\_\_\_

Student photograph

#### PAGE 1: WHO AM I?

Three Words That Describe Me

1. ---
2. ---
3. ---

My Superpowers (Tick or write your strengths, you can choose one or more options)

- Creative Thinker
- Problem Solver
- Leader
- Team Player
- Tech Enthusiast
- Artist
- Athlete
- Public Speaker

- Helpful Citizen
  - Curious Learner
- Mention if any other

My Dream Board  
When I grow up, I want to become:

---

Because:

---

Draw, paste pictures, or add inspiration here.

---

My Personal Motto

" \_\_\_\_\_ "

## **PAGE 2: MY ACHIEVEMENT**

Mention all achievements

My Top 5 Proud Moments

★ \_\_\_\_\_

★ \_\_\_\_\_

★ \_\_\_\_\_

★ \_\_\_\_\_

★ \_\_\_\_\_

Showcase Corner

Paste or attach a photo, certificate, artwork, project & class activities

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## **PAGE 3: MY SKILL METER**

Rate Yourself from 1-5 points

Communication

Confidence

Leadership

Creativity

Teamwork

Technology Skills

Time Management

Problem Solving

My Biggest Challenge This Year

---

How did I overcome it?

---

One Skill I Mastered

---

One Skill I Will Develop Next Year

---

**PAGE 4: MY REFLECTION CAPSULE**

➤ The most important lesson I learned:

---

➤ A moment that made me happy:

---

➤ Someone who inspired me:

---

➤ How I helped my school/community:

---

➤ My Goals for Next Year

1. ---

2. ---

3. ---

**A LETTER TO MY FUTURE SELF**

Dear Future

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Student Signature: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

Teacher Signature: \_\_\_\_\_

