

## HOLIDAY HOMEWORK

CLASS 6

2025- 26



### ENGLISH

#### **Topic: Exploring Nature and Creativity through Sikkim and Sustainability**

##### \*Do Any Two Projects\*

1. Create a Flower Scrapbook:
  - Collect pictures of different flowers native to Sikkim, such as orchids, rhododendrons, and primulas.
  - Write simple notes about each flower: its name, color, where it grows, and any interesting facts.
2. Draw and Color: (A4 sheet)
  - Draw your favorite Sikkim flower and color it.
  - Label the parts of the flower and write a sentence about why you like it.
3. Story Time: (A4 sheet)
  - Write a short story or poem imagining a day in the life of a flower in Sikkim.
  - Describe the surroundings, weather, and any animals or insects it might meet.
4. Create informative and eye-catching poster to educate others about waste management on A3 Sheet.
5. Make a model by transforming waste materials into useful and decorative items.

## HINDI

विषयवस्तु :सिक्किम की वनस्पति और कचरा प्रबंधन

कार्य 1: सिक्किम की वनस्पति पर परियोजना )Flora of Sikkim)

एक चार्ट पेपर या स्क्रेप बुक पर निम्नलिखित बिंदुओं के आधार पर परियोजना तैयार करें:

1. सिक्किम की जलवायु और भौगोलिक स्थिति का संक्षिप्त वर्णन
2. सिक्किम में पाए जाने वाले प्रमुख पेड़पौधे-, फूल रोडोडेंड्रोन :जैसे), ऑर्किड आदि(
3. इन पौधों का उपयोग एवं उनका महत्व
4. चित्रों या कटआउट्स का प्रयोग करें और उन्हें सुंदर ढंग से सजाएँ

✦ भाषा: कार्य हिंदी में करें

✦ लंबाई: लगभग 2-3 पृष्ठ

कार्य 2: अपने कचरे को जानिए )Know Your Waste)

अपने घर या आस पास के कचरे का अवलोकन करें और नीचे दिए गए अनुसार एक रिपोर्ट-  
:तैयार करें

1. किस प्रकार का कचरा अधिक उत्पन्न होता है? (गीला, सूखा, प्लास्टिक आदि)
2. कौन सा कचरा पुनः उपयोग )reuse) या पुनः चक्रण )recycle) किया जा सकता है?
3. कचरे को कम करने के लिए आप क्या प्रयास कर सकते हैं?

कार्य 3: पुनः उपयोग पर रचनात्मक कार्य )Mandatory Activity)

- कोई एक वस्तु जो फेंकने योग्य हो जैसे प्लास्टिक की बोतल), पुराना डब्बा, अखबार आदि(,  
उसका पुनः उपयोग करके एक नया उपयोगी वस्तु बनाएं।
- उदाहरण प्लास्टिक बोतल से पेन :स्टैंड, पुरानी टीशर्ट से थैला आदि।-
- अपने बनाए गए वस्तु की तस्वीर लगाएं और उसके बारे में 5-6 पंक्तियाँ लिखें -  
आपने क्या बनाया, कैसे बनाया, और यह कैसे उपयोगी है।

✦ यह गतिविधि सभी छात्रों के लिए अनिवार्य है।

समाप्ति तिथि: स्कूल खुलने के बाद पहले सप्ताह में जमा करें

मूल्यांकन: प्रस्तुति, विषय की समझ, मौलिकता और रचनात्मकता के आधार पर किया जाएगा।

## MATHEMATICS

### Topic: Travel Log From Delhi To Sikkim

You will create a travel log from Delhi to Sikkim, visiting three major cities of Sikkim (Gangtok, Namchi, Pelling etc) of your choice. Calculate total distance travelled, time taken, and also collect information about the flora of Sikkim.

#### Instructions:

1. Choose your travel route: Start from Delhi, then visit Sikkim's three major cities
2. Create a table with the following information for each leg of your journey (Sample Table Format):-

From (Starting Place)	To (Destination)	Distance (kilometers)	Mode of Travel (Train/Bus/Car etc.)	Time Taken (hrs)

3. Calculate the total distance travelled and the total time taken for your entire journey.
4. Draw a map showing your travel route, measuring the angle each city makes with each other.
5. Decorate your log with travel stickers, leaves, or drawings.
6. Sikkim has beautiful textiles known for its vibrant colors and intricate designs. You have studied patterns in mathematics now it's time to apply these beautiful shapes and patterns in real life by designing your very own **JUTE COASTER**.

Refer the videos given below for the same

[https://youtube.com/shorts/w5RYHZ4\\_aaQ?si=sjF4nc0D4APa1UqH](https://youtube.com/shorts/w5RYHZ4_aaQ?si=sjF4nc0D4APa1UqH)

OR

### TOPIC : Compile a Botanical Log of the Flora of Sikkim

#### Instructions:

1. Collect and record information about Sikkim's flora. Include details like:
  - Number of flowering plant species
  - Number of orchid species
  - Number of medicinal plant species
  - Any unique or endemic plants found in Sikkim

Use the following table format for flora data:-

Type of Flora	Number of Species	Special Notes / Interesting Facts

2. Make a pattern by drawing or pasting pictures of the flora found in Sikkim.
3. Decorate your log with travel stickers, leaves, or drawings.
4. Sikkim has beautiful textiles known for its vibrant colors and intricate designs. You have studied patterns in mathematics now it's time to apply these beautiful shapes and patterns in real life by designing your very own **MACRAMÉ COASTER**

*Refer the videos given below for the same*

<https://youtube.com/shorts/Roozr19liNc?si=XjWQ3RP8tN6b5H6c>

## **SCIENCE**

### **Topic : A Journey Through the Green Valleys - Discovering the Flora of Sikkim**

Create a story on A4 sheets that tells the story of a student who travels through the beautiful landscapes of Sikkim and learns about its unique plants.

#### **What to Include:**

Scene 1: Student begins the journey in Sikkim with a guide/map in hand.

Scene 2: Visits a Rhododendron sanctuary – learns it's the state tree and collects some information about it

Scene 3: Sees beautiful orchids and notes how Sikkim has hundreds of orchid species.

Scene 4: Learns about the medicinal plants used in traditional healing.

Scene 5: Talks to a local villager about the importance of preserving forests.

Scene 6: Returns home and shares the experience with classmates, spreading awareness.

#### **Materials Required:**

A4 sheets

Sketches or printed pictures/cutouts  
Colored pens/pencils  
Captions or speech bubbles to explain the scenes

OR

**Topic : "Know Your Waste - A Journey from Bin to Nature"**

Create a colorful project on A4 sheets or scrapbook on the topic mentioned above.

**Instructions:**

1. Begin by explaining the two main types of waste: biodegradable (such as food and paper) and non-biodegradable (such as plastic and metal).
2. Show the journey of waste from your home to its final destination—landfill, recycling center, or compost pit.
3. Include simple steps to make compost at home using kitchen waste. Use color-coded bins (green for wet waste, blue for dry waste, and red for hazardous waste) to explain waste segregation, waste management in Sikkim.
4. End your project with a catchy and meaningful slogan like "Be Smart – Segregate Your Waste!" to spread awareness.

**SOCIAL SCIENCE**

**Topic : Sikkim's Green Treasures and Our Waste Responsibility**

**Theme:** Exploring the unique flora of Sikkim and understanding our waste footprint to promote sustainable living.

**Overall Goal:** To develop an understanding of the biodiversity of Sikkim, the impact of waste on the environment, and the importance of responsible waste management in achieving Sustainable Development Goals.

**Activity Title:** Sikkim's Special Plant and Our Seedling Project

**Objective:** To learn about a special plant from Sikkim, understand how trash can harm plants, and create a simple plan to grow new plants using recycled things.

**Instructions:**

Imagine you've learned about a beautiful flowering plant that grows in Sikkim, like a colorful rhododendron or a pretty orchid. You also know that trash can make it hard for

plants to grow. Let's create a project to help grow more plants using things we usually throw away!

1. Trash Trouble for Plants: (Integrates Science, Environmental Studies)
  - Think of one kind of trash we see around us (like plastic bags or food wrappers).
  - Draw or write one way this trash could be bad for plants in Sikkim (e.g., covering the soil, polluting water).
2. Our Seedling Helpers! (Integrates Practical Skills, Waste Management)
  - Think of one thing we throw away that we could use to make a small pot for planting a new seed (like a cut-off plastic bottle or a yogurt container).
  - Draw or describe how you would use this recycled thing as a pot.
  - What kind of simple things would you put in your pot to help a seed grow (like soil and a little water)?
3. Helping Our Earth (SDG 15 & 12): (Integrates Social Studies)
  - Think about SDG 15 (Life on Land): How does growing more plants help the Earth and the special plants in Sikkim? (Hint: More plants mean a healthier environment for everyone!).
  - Think about SDG 12 (Responsible Consumption and Production): How does using old things as pots help us be responsible with what we use and throw away? (Hint: We're giving trash a new job!).

**Presentation:** You can show your project as:

- A colorful drawing or poster with labels.
- A simple written report with your ideas and drawings.
- If you can, you could even start making your recycled pot!

**Detailed Assessment Rubric** (Total 5 Marks):

a. Understanding of Flora & Waste (2 Marks)

2 marks - Clearly understands that Sikkim has special plants and that too much trash can be bad for the plants and the environment. Can give at least two simple examples for each.

1 mark - Shows some understanding of either the special plants or the problem of trash, but might have some confusion or only give one example.

b. Recycled Seedling Pot Idea (2 Marks)

2 marks - Suggests a clever and practical idea for using something they usually throw away as a pot for a seed. Explains simply how they would use it. |

1 mark - Suggests a recycled item for a pot, but the idea might not be very practical or the explanation is unclear.

c. Connection to Helping Earth (1 Mark)

1mark - Briefly explains in their own words how growing plants and using old things

helps the Earth (linking to less trash and more green).

## SANSKRIT

1. सिक्किम में मनाए जाने वाले प्रसिद्ध त्यौहारों को चित्र/मॉडल के माध्यम से स्पष्ट करें।

➤ त्यौहारों को संस्कृत शब्दों से लेबल करें।

२. संस्कृत वर्णमाला के उच्चारण स्थानों को मॉडल /चित्र के माध्यम से चित्रित करें।

- |           |           |
|-----------|-----------|
| क) कण्ठ   | ख) तालु   |
| ग) मूर्धा | घ) दन्त   |
| ङ) ओष्ठ   | च) नासिका |

● Rubric (5 Marks):

- विषयवस्तु की प्रासंगिकता – 2 अंक
- भाषा और व्याकरण – 1 अंक
- प्रस्तुति और सृजनात्मकता – 1 अंक
- सिक्किम संदर्भ का समावेश – 1 अंक

## COMPUTERS

**Topic- Flora Of Sikkim**

### Instructions:

Create a Power Point Presentation on the topic as per Format below:-

- Include 6-8 slides. (Maximum 8 slides to be made).
- First slide to carry heading/title with the name and class of the student.
- Second slide should have index containing flora mentioned in the presentation
- Apply animations on the image of the flora.
- Apply transitions on different slides.
- Submit the work through MS Teams (assignment) / Microsoft link.

