

**MAHARAJA AGRASEN MODEL SCHOOL**  
**HOLIDAYS HOMEWORK(2025-26)**  
**CLASS-IX**

**ENGLISH**

**1. ART INTEGRATED LEARNING PROJECT (5 marks)**

As per the guidelines by the CBSE, all the students are required to prepare Art Integrated Projects under the Ek Bharat Shreshth Bharat Programme. In this, Delhi is paired with Sikkim.

The objective is to integrate art into mainstream education and use it as an important tool for teaching and learning processes and for imbibing the Indian ethos through the integration of Indian art and culture in the teaching and learning process at every level. This art-integrated approach will strengthen the linkages between education and culture.

**Explorer Challenge: Describe & Illustrate!**

You're invited on a virtual journey to the stunning Sikkim! Choose one famous tourist spot and create a dual presentation:

**Written Description (120–150 words)**

- Describe the geographical location
- Mention any historical or cultural importance
- Highlight its popularity
- Explain how it can be accessed.

**Pictorial Description**

Add a drawing, map, sketch, or collage that visually represents the place. Be creative! You can show the monuments, transport routes, or even activities tourists enjoy there.

**Examples to choose from:** Tsomgo Lake, Nathula Pass, Yumthang Valley, Gurudongmar Lake, Lachung, Pelling, Ravangla, Rumtek Monastery, Zuluk, Namchi, etc.

***Let your words paint a picture—and your picture tell a story!***

**Rubrics**

Content - 2 Marks

Creativity-2 Marks

Timely submission-1 Mark

## **2. Subject Enrichment Activity (5 Marks)**

### **Discover the Magic of Language!**

#### **English Language & Literature (Beehive)**

Holidays are here — time to relax, recharge and... dive into the *wonders of words*!

This break, we've got a fun and meaningful task lined up for you: exploring literary devices in your Beehive textbook. These devices are the secret ingredients that make stories and poems *come alive*.

#### **Your Task:**

**Become a Figure of Speech Detective and complete the following:**

1. Choose 6–7 literary devices (like simile, metaphor, alliteration, personification, onomatopoeia, repetition, etc.).
  - Google them or use any reliable source to write a simple definition for each.
2. Find examples of each device from the prose or poetry in *Beehive*.
  - Write the line from the text
  - Mention the name of the literary device
  - Explain what it means and how it adds beauty or meaning to the line

#### **How to Present:**

- Use A4 size sheets (Maximum-5)
- Make it neat and creative – feel free to use colour, borders or small illustrations
- You can write or type it – your choice!

#### **Rubrics**

Content-2marks

Creativity-2 Marks

Timely submission-1 Mark

**3. Revise all the chapters covered so far.**

**4. I urge you to indulge in the enriching experience of perusing the pages of an English newspaper each day, amidst the tranquil days of summer break.**

हिंदी

### खंड- 'क'

#### कला एकीकृत परियोजना कार्य-

(I) 'दिल्ली और सिक्किम के सांस्कृतिक आदान-प्रदान'- दोनों क्षेत्रों की सांस्कृतिक और साहित्यिक विरासत के बारे में जानकारी देते हुए A4 साइज़ शीट पर समुचित चित्रकला (कॉलाज) के साथ-साथ लेख भी तैयार कीजिए, जिसे आपने जुलाई माह में कक्षा में होने वाली शैक्षिक गतिविधि के अंतर्गत प्रस्तुत करना (सुनाना) है।

#### मूल्यांकन (Rubrics)-

सामग्री-2 अंक

रचनात्मकता-2 अंक

समय पर प्रस्तुति-1 अंक

(II) सभी बच्चों को सिक्किम की संस्कृति पर आधारित एक कविता A4 शीट पर लिखकर याद करके आनी है।

### खंड- 'ख'

प्यारे बच्चो

ग्रीष्मकालीन अवकाश का आनंद हिन्दी भाषा व साहित्य के साथ लें।

1. फुरसत के क्षणों में हिन्दी पत्रिकाएँ, समाचार-पत्र आदि प्रतिदिन पढ़िए, उनसे अनुस्वार, अनुनासिक, उपसर्ग व प्रत्यय के दस-दस शब्द लिखिए।

#### मूल्यांकन (Rubrics)-

सामग्री-2 अंक

रचनात्मकता-2 अंक

समय पर प्रस्तुति-1 अंक

2. 'देश भक्ति अथवा प्रकृति प्रेम' से संबंधित एक कविता A4 साइज़ शीट पर लिखिए तथा उचित लय-तान व हाव-भाव के साथ याद कीजिए।

#### मूल्यांकन (Rubrics)-

सामग्री-2 अंक

रचनात्मकता-2 अंक

समय पर प्रस्तुति-1 अंक

3. समाचार पत्र के कोई दो चित्र काटकर उत्तर-पुस्तिका पर चिपकाइए व उनका वर्णन अपने शब्दों में कीजिए।

#### मूल्यांकन (Rubrics)-

सामग्री-2 अंक

रचनात्मकता-2 अंक

समय पर प्रस्तुति-1 अंक

4. 'स्वस्थ जीवन शैली अपनाने पर चर्चा' विषय पर दो मित्रों की बातचीत को संवाद-लेखन के रूप में लिखिए।

**मूल्यांकन (Rubrics)-**

सामग्री-2 अंक

रचनात्मकता-2 अंक

समय पर प्रस्तुति-1 अंक

नोट- सभी छात्रों ने हिंदी ग्रीष्मावकाश गृह-कार्य जुलाई के प्रथम सप्ताह में जमा करवाना है।

**संस्कृत**

भाग अ

(घड़ी का निर्माण संस्कृत में), (संधि का चार्ट), (प्रत्यय का चार्ट), (उपसर्ग का मीड मैप), इस विषय पर एक चार्ट तैयार कीजिए

साइज ए 4 शीट.

भाग ब

1. अपठित गद्यांश Together with Sanskrit से अभ्यास कीजिए
2. पत्र लेखनम् अभ्यास कीजिए
3. चित्र वर्णन व संवाद का अभ्यास कीजिए
4. पाठ 1,2,का अतिरिक्त अभ्यास कीजिए
5. कक्षा में कराया गया कार्य याद कीजिए
6. रामायण के सुन्दर्ययकन्द से पाँच श्लोकों का एक चार्ट तैयार कीजिए

**MATHEMATICS**

**Part A**

**1. Art Integrated Project (5 marks)**

Sikkim is known for its numerous monasteries, historical sites, and natural landmarks. The most famous monuments in Sikkim include monasteries like Rumtek Monastery, Pemayangtse Monastery, and Enchey Monastery, as well as the historical sites of Rabdentse Ruins and the natural beauty of Khecheopalri Lake.

Project: Monuments and solid shapes

1. Choose any one monument of Sikkim, Mark the solid shapes like Cube, Cuboid, Cylinder, Cone, etc in the picture of the monument.
2. Make 3D net of the solid shapes and paste on A4 A4-sized sheet.
3. Deduce the formula for the total surface area and volume of the solid shapes.

### **Rubrics**

Content-2marks

Creativity-2 Marks

Timely submission-1 **Mark**

### **Part B**

1. Complete assignments of Chapters 1,2 ,3 .  
[https://drive.google.com/file/d/1uZaNF\\_136AHUasmCB6luwiLkQNn\\_98tD/view?usp=drive\\_link](https://drive.google.com/file/d/1uZaNF_136AHUasmCB6luwiLkQNn_98tD/view?usp=drive_link)
2. Complete Portfolio 1
3. Complete Activities 1 to 4 of the Maths lab manual

## **SCIENCE**

### **Part A**

#### **1.Portfolio(5 Marks)**

#### **Art Integrated Project**

**Poster Activity:** Design a poster showcasing Sikkim's water resources, including its rivers, lakes, and glaciers, and discuss the importance of water conservation.

### **Rubrics**

Content-2 Marks

Creativity-2 Marks

Timely submission-1 Mark

### **Part B**

#### **2. Multiple Assessment (5 Marks)**

#### **Poster Making**

**Topic -"Your Body, Your Science: Nutrition and Health"**

– Balanced diet, immunity, and role of science in health.

### **Rubrics**

Content-2marks

Creativity-2 Marks

Timely submission-1 **Mark**

### **3.Subject Enrichment Activity(5 Marks)**

**Completion of Physics, Chemistry, and Biology Practical files as per instructions**

#### **Rubrics**

Correctness - 2 Marks

Neatness - 2 Marks

Timely submission - 1 Mark

#### **4. Completion of in-text and text exercise questions of the following chapters of Physics, Chemistry, and Biology in the assignment/homework registers.**

**Physics:** Revise the Chapter: Motion and Laws of Motion, and do the assignment based on the chapter in your homework register.

**Biology:** Revise the Chapter: The Fundamental Unit of Life and draw the labelled diagrams of the following: Nucleus, Golgi apparatus, mitochondria, and chloroplast, Prokaryotic cell, animal cell, plant cell, types of cell division.

**Chemistry:** Matter in our surroundings. Do all in-text and text questions in the practice notebook and practice all the diagrams with proper labelling.

## **SOCIAL SCIENCE**

### **PART A**

#### **I. ART INTEGRATED PROJECT (5 marks)**

Make an informative and attractive brochure informing people about the different costumes of Sikkim. The brochure should include bright and colourful pictures.

### **PART-B**

#### **I. Subject Enrichment Activity (5 marks)**

Prepare a project file on the following topics :

Roll Number 1 to 15- Preventing Common Natural Disasters

Roll Number 16 to 30- Specific Hazards and Mitigation

Roll Number 31 onward- Getting acquainted with Disaster Management, Becoming a Disaster Manager.

**Instructions :**

1. The total length of the project report should not be more than 20 pages of A-4 size sheet.
2. The project report should be handwritten, and credit will be awarded to original drawings, illustrations and creative use of eco-friendly material.
3. The project report should be presented in a neatly bound, simple folder.
4. The project report should be developed and presented in this order:
  - a) Cover page showing project title, student information, school and year.
  - b) List of contents with page numbers.
  - c) Certificate page.
  - d) Acknowledgements (acknowledging the institution, offices, and libraries visited and persons who have helped).
  - e) Chapters with relevant headings.
  - f) Summary and conclusions based on findings.
  - g) Bibliography: should have the Title, author, publisher, and if a website the name of the website with the specific website link that has been used.

**II. Multiple Assessment (5 marks) -Interdisciplinary Project**

PowerPoint Presentation on the topic: **‘Colonial Forest Policy and its impact on forest societies’, ‘History of Rebellion in the Forest’.**

(Group Project (4/5 students, 15 slides))

**The following points are to be covered:**

- (i) The causes and effects of forest-based rebellions in history.
- (ii) Forest Transformations in Java, Tropical Evergreen Forests.
- (iii) The impact of human activity on forests in Java.
- (iv) Impact of Changes in land use, agriculture, and industry on the forests. The history of forest transformations in Java and their impact on the environment.

(v) Compare and contrast the conversion of forest into agricultural land and the need.

## **ARTIFICIAL INTELLIGENCE**

### **Mini project: Train a Machine to Recognise Images**

**Platform:** <https://machinelearningforkids.co.uk>

Use AI to **train a machine** to recognise images and connect your project to **any one Sustainable Development Goal (SDG)** of your choice.

#### **What You Have to Do:**

1. Choose a **theme related to any SDG** (like health, clean water, life on land, sustainable cities, etc.).
2. Create a new project using **Image Recognition**.
3. Add **2 or more labels** (categories) and upload relevant pictures for each.
4. Train your model and test it with new images.
5. Take screenshots and write 4–5 lines on how your project connects to your chosen SDG.

#### **Example Project (Just for Inspiration):**

**Theme:** Healthy Eating

**SDG Link:** SDG 12 – Responsible Consumption and Production

**Labels:** Fresh Foods vs Junk Foods

**Goal:** Help the model learn to identify healthy food choices.

Submit a short report (in a Word or PDF file) including the following:

- Title of the project.
- What categories did you use
- How many images per label
- Screenshot of your labels and training page.
- Screenshot of the model testing results.
- What you learned from this activity (at least 5 lines).
- Add these printouts to your AI Practical File

## **MUSIC**

- Draw a picture of musical instruments like Tabla, Dholak, sitar, and harmonium.
- Learn one patriotic song & one prayer (itni sakti hume dena data/subah sawere)
- Prepare a chart showing the Sikkim dance and instruments.