



**RAMJAS SCHOOL ANAND PARVAT NEW DELHI – 110005**  
**SUMMER HOLIDAY HOMEWORK (SESSION 2024-25)**  
**CLASS IX**

**SUBJECT: ENGLISH**

**Assignment 1: Illustrative Presentation on Poetic Devices** Choose one poem from the provided list and create a visual representation of the poetic devices used in the poem on a full-size chart paper. Additionally, include a brief biography of the poet. Let your creativity shine through this assignment. The poems are:

- a) "The Road Not Taken"
- b) "Wind"
- c) "Rain on the Roof"
- d) "A Legend of the Northland"

**Assignment 2: Ek Bharat Shreshth Bharat Project** Under the 'Ek Bharat Shreshth Bharat' initiative, **Delhi is paired with Andaman and Nicobar Islands and Lakshadweep**. Gather information about the languages spoken, various art forms, popular tourist destinations, and the differences between Delhi and these islands. **Compile this information into a project file using A4 size sheets**. Also, take this opportunity to learn about coconut shell art, a unique art form practiced on these islands.

**Assignment 3: Portfolio Creation** Create a **personal portfolio using A4 size sheets**. The portfolio should include sections such as 'Welcome to my Portfolio', 'English in daily life', 'My Strengths and Accomplishments', 'My Weak Areas', 'Self-assessment', 'Record of notebook correction', 'Peer, Teacher, self-assessment', 'My Achievements', and 'My creative side'. The cover page should feature your life's motto, your sketch, class, and session.

**विषय – हिंदी**

**सामान्य निर्देश : कार्य ए 3 आकार की शीट पर करें । कार्य सुंदर लिखाई में करें ।**

1. दिल्ली - लक्षद्वीप अंडमान निकोबार कला समन्वित परियोजना कार्य -
  - i) भौगोलिक स्थिति एवं जलवायु
  - ii) त्यौहार एवं उत्सव
  - iii) धर्म एवं संस्कृति
  - iv) प्रमुख पर्यटन स्थल
  - v) मुख्य व्यंजन

**नोट:-** यह एक सामूहिक गतिविधि होगी जिसमें 5-5 छात्रों का एक समूह होगा। प्रत्येक समूह उपरोक्त विषयों पर दिल्ली और लक्षद्वीप-अंडमान निकोबार की समानताएँ व विभिन्नताएँ प्रस्तुत करेंगे। उदाहरण के लिए पहला समूह अनुक्रमांक 1 से 5 तक होगा।

2. आगे बढ़ती भारतीय महिलाओं से संबंधित सचित्र जानकारी लिखिए।
3. पढ़ाए गए पाठ्यक्रम की पुनरावृत्ति कीजिए।

**SUBJECT: MATHS**

- 1) Construct Square Root Spiral on a A4 Size Paper till  $\sqrt{11}$ .
- 2) Find out and write history of Pie ( $\pi$ ).
- 3) Prepare a project by comparing tourist destinations of two states Delhi, Lakshadweep, Andaman and Nicobar Islands (Delhi is paired with Lakshadweep, Andaman and Nicobar Islands). Also make a pie chart and bar graph of the comparison.

**GUIDELINES FOR SUBMITTING THE PROJECT**

- (i) Use A4 size sheets.
- (ii) It should be a hand written project.
- (iii) The file should be creative and images drawn or pasted must be of relevance to the topic.
- (iv) The cover page should be written in bold letters with the Subject, Topic, Name and Roll Number.
- (v) It should have proper Index.
- (vi) It should include Introduction, definitions and examples relevant to the topic
- (iii) The file should be creative and images drawn or pasted must be of relevance to the topic.
- (iv) The cover page should be written in bold letters with the Subject, Topic, Name and Roll Number.
- (v) It should have proper Index.
- (vi) It should include Introduction, definitions and examples relevant to the topic.

## **SUBJECT: SOCIAL SCIENCE**

All the students of Class IX class have to submit a handwritten project on;

### **CHAPTER 5 (GEOGRAPHY) Natural Vegetation and Wildlife**

The Topics are as follows:

- Define the term Natural Vegetation and Wildlife
- Mention the factors affecting the Natural Vegetation and Wildlife
- Name the different types of vegetation found in India and mention three features of each vegetation.

### **General Instructions:**

1. The project should be hand written.
2. It should be well presented, researched, and pictorial.
3. The project should consist of a Cover page, table of contents, acknowledgements, bibliography and headings.
4. The project should be done on A4 size sheets.
5. The project should not exceed 10 pages and various forms of art maybe integrated in the project.
6. The distribution of marks for the Project Work is on content accuracy, originality, presentation and creativity.

**Map Activity** – To be assessed for Internal Assessment All the maps to be done in the MAP BOOK

### **Subject - Geography (On the Outline Political Map of India)**

Chapter-1: India-Size and Location (LOCATE AND LABEL)

- Indian States with Capitals
- Tropic of Cancer,
- Standard Meridian.

Chapter - 2: Physical Features of India

- Mountain Ranges: The Karakoram, The Zaskar, The Shivalik, The Aravalli, The Vindhya, The Satpura, Western & Eastern Ghats
- Mountain Peaks – K2, Kanchenjunga, Anai Mudi
- Plateau - Deccan Plateau, Chotta Nagpur Plateau, Malwa Plateau
- Coastal Plains - Konkan, Malabar, Coromandel & Northern Circar
- (Location and Labelling)
- Chapter -3: Drainage · Rivers: (Identification only)
- The Himalayan River Systems-The Indus, The Ganges, and The Satluj
- The Peninsular Rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi
- Lakes: Wular, Pulicat, Sambhar, Chilika

### **SUBJECT - HISTORY**

Chapter-1: The French Revolution Outline Political Map of France (For locating and labelling / Identification)

- Bordeaux
- Nantes
- Paris
- Marseilles

### **ART INTEGRATED PROJECT (DELHI WITH LAKSHADWEEP, ANDAMAN AND NICOBAR ISLANDS)**

- To make a comparative chart on the Natural vegetation and Wildlife (Flora and Fauna) of Delhi, Lakshadweep and Andaman and Nicobar Islands (Roll no. 1 to 15)
- To make a collage on A-3 size sheet of various festivals of Delhi, Lakshadweep and Andaman and Nicobar Islands (Roll no.15 onwards)

## **SUBJECT: SCIENCE**

### **Chemistry**

Represent interconversion between states of matter taking daily life examples on an A3 sheet. Use pictures, drawings, waste material, craft material etc to make it interesting.

(e.g. water cycle to show evaporation and condensation or sublimation of naphthalein balls)

Lakshadweep is a group of islands located in the Arabian Sea, off the western coast of India. The islands of Lakshadweep are home to a variety of plant and animal species, many of which are unique to the islands. The islands are also home to several species of land animals and a variety of bird species.

Make a case study (3-5 pages, excluding cover page) on the environmental threats faced on the islands.

Project should be hand written, well supported with coloured pictures, graphs diagram and statistical data.

### **Physics**

Prepare a tourist brochure for visit to Pitti Bird Sanctuary, Kalpeni Islands, Lakshadweep. It can be of 3-4 pages and full of illustrations. It should be a hand written brochure.

Practice any 15-extra numerical from Motion chapter in your notebook.

### **Biology**

As per the curriculum, one chapter of science NATURAL RESOURCES is a research-based chapter. It will be assessed in the form of a project. This project is to be done by students individually in their biology notebooks which will include art integrated learning. Prepare a brief write up of the topic in your notebook in 5 to 6 pages. Topics are divided roll number wise and the subtopics are also mentioned. Draw or paste pictures in support of your topics. Do refer old NCERT book online for content. The pdf of the chapter is available online too.

#### **1) ROLL NUMBERS 1 TO 6 - TOPIC- Air**

- Breath of life
- Role of atmosphere in climate control
- How rain and clouds are formed
- Air pollution [Role of lichens]

**For Art integrated learning** - Diagrams, flowchart using colours on any topic.

#### **2) ROLL NUMBERS 7 TO 12 - TOPIC- WATER: A wonder liquid**

- Use of water for various life forms
- Distribution of water resource in India
- Water pollution

**For Art integrated learning** – Either colourful map showing distribution of water in India or a comic strip on water pollution

#### **3) ROLL NUMBERS 13 TO 18 - TOPIC- Soil**

- Formation of Soil
- Factors affecting Soil formation
- Soil pollution
- Soil erosion

**For Art integrated learning** – Either you can show types of soil of India on map with different colours or colourful flowchart showing the process of soil formation or any other AIL activity

#### **4) ROLL NUMBERS 19 TO 24 - TOPIC- Nitrogen cycle**

- Steps of this cycle

**For Art integrated learning** Colourful drawing of nitrogen cycle

#### **5) ROLL NUMBERS 25 TO 30 - TOPIC- Carbon cycle**

- Description of the steps of the cycle
- Greenhouse effect and global warming
- Drawing of this cycle [For AIL]

**For Art integrated learning** Colourful drawing of carbon cycle

#### **6) ROLL NUMBERS 31 TO 36 - TOPIC- Oxygen cycle and ozone layer**

- description of steps of oxygen cycle
- ozone layer –causes and prevention of depletion

**For Art integrated learning** Colourful drawing of OXYGEN cycle OR poster on ozone layer importance

### **SUBJECT: COMPUTERS**

Make a PowerPoint Presentation on the following topics according to your roll numbers:

<b>ROLL NO.</b>	<b>TOPIC</b>
1-20	Google Products like Maps, YouTube, Drive, Doc, Sheet
21-Last	Social Media Platforms like Facebook, Instagram, Snapchat, Twitter etc.

### **SUBJECT: MUSIC**

Knowledge of the terms: Sangeet, Naad, Swar. A brief introduction of Indian music. Prepare this project and paste it in your music-notebook.