

## MY SUMMER TIME

### Class IX

#### SESSION : 2026-2027

🌟 **Welcome to a summer break designed to spark your curiosity and power your potential!** 🌞🚀

This year, "My Summer Time (2026-27)" is far more than just a set of tasks—it is a multidisciplinary intercept and an invitation to join a vital global mission. The United Nations' **Sustainable Development Goals** (SDGs) are a blueprint for a better world, and by dedicatedly anchoring every subject to these goals—focusing on the unique, ecologically fragile ecosystems of the Andaman, Nicobar, and Lakshadweep Islands— We are actively transforming textbook knowledge into real-world competencies. Through this experiential journey, you will awaken your **Kaushal Vikas** (Skill Development), building vital life skills that include essential financial literacy to understand the economic value of sustainability, while seamlessly aligning all your subjective works into a cohesive, meaningful portfolio. Together, these diverse academic threads perfectly empower you to design solutions and step forward as an informed, skilled, and responsible global citizen! 🛠️🌟

### ENGLISH

**‘Small actions today can create a sustainable tomorrow.’**

The Andaman and Nicobar Islands, known for their breathtaking natural beauty, rich biodiversity, and unique ecosystems, are highly vulnerable to the effects of climate change. Rising sea levels, coastal erosion, coral bleaching, and extreme weather conditions threaten the islands' fragile environment and the lives of the communities that depend on it. Sustainable Development Goal 13 – Climate Action emphasizes the urgent need to combat climate change and its impacts through awareness, conservation, and responsible actions.

Keeping in mind SDG 13 – Climate Action, **Write a descriptive essay in 150-200 words on the topic: ‘A Green Future: How We Can Protect Our Planet’**

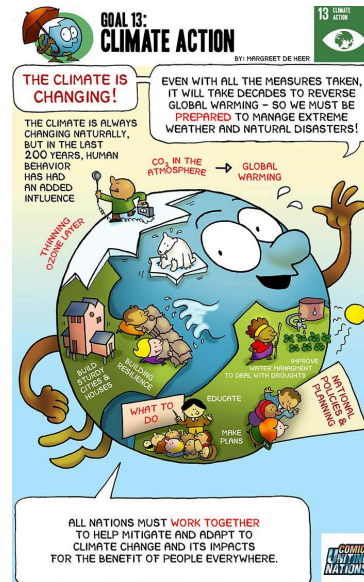
You may include:

- Importance of reducing pollution and conserving energy
- Harm caused by deforestation and excessive carbon emissions
- Simple daily habits to reduce climate impact
- Role of students in spreading environmental awareness
- Suggestions for sustainable living practices

**Along with the essay, design a colourful poster on: ‘SDG 13: Climate Action’**

Your poster should include:

- A catchy slogan
- Drawings/pictures of Earth, trees, renewable energy, or pollution-free surroundings
- Messages promoting climate awareness and environmental responsibility
- Creative use of colours and layout



## MATHEMATICS

### **Andaman & Nicobar Island vs Delhi (SDG-11:Sustainable Cities and Communities, SDG-13:Climate Action, SDG-15:Life on Land)**

**Theme:** Numbers that tells the story of People, Nature and Development

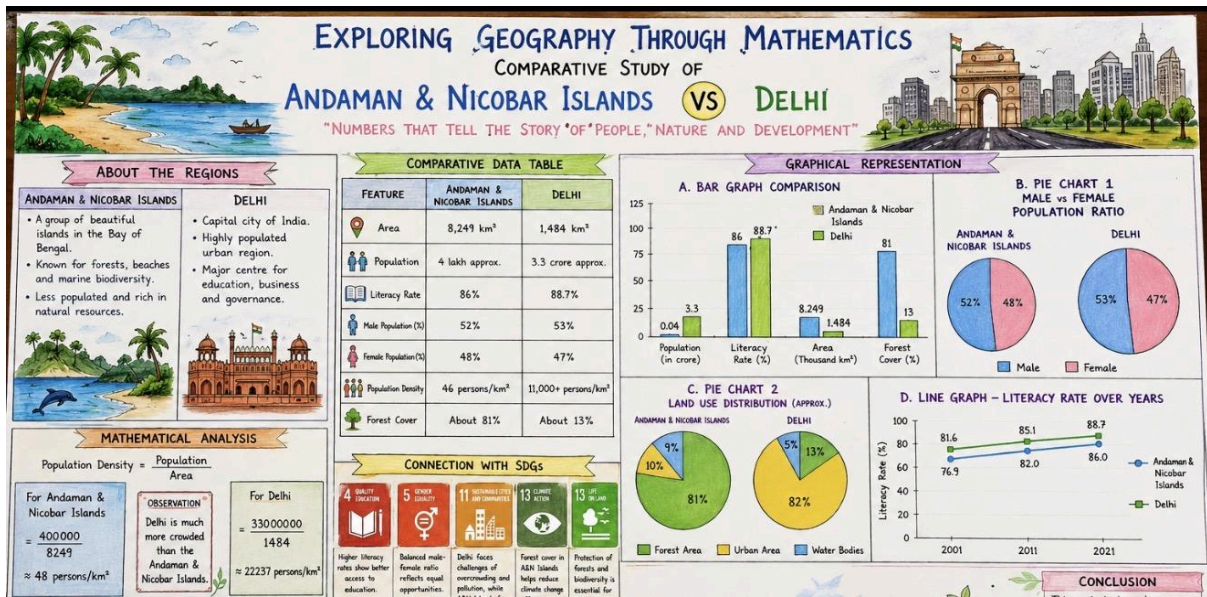
A family living in Delhi often struggles with traffic and overcrowding. Using the population density data, geographical conditions such as area, population, male/female ratio, literacy rate etc. Explain why daily life in Delhi may feel more crowded than in the Andaman & Nicobar Islands. Students may use coloured A-3 size pastel sheet and creative layouts to visually represent the data.

**Task 1:** Decorate the project with traditional motifs from Andaman & Nicobar Islands and Delhi.

**Task 2:** Draw Bar Graph for Area and Population comparison, Pie chart for Male-female ratio and Line Graph for literacy rate.

**Task 3:** Draw maps of both regions and mark population density using color gradients.

Reference image is given below:



## हिंदी

अंडमान निकोबार द्वीप समूह अपने स्वच्छ समुद्र, रंग-बिरंगी मछलियों, कोरल रीफ, समुद्री कछुओं तथा समृद्ध जैव-विविधता के लिए प्रसिद्ध हैं। यहाँ का समुद्री जीवन प्रकृति का अनमोल खजाना माना जाता है। बढ़ते प्रदूषण, प्लास्टिक कचरे और जलवायु परिवर्तन के कारण समुद्री जीवों तथा कोरल रीफ को नुकसान पहुँच रहा है। इसलिए समुद्र और उसके जीवों की रक्षा करना हम सभी का कर्तव्य है। इसी उद्देश्य को ध्यान में रखते हुए United Nations ने SDG 14 — “Life Below Water” अर्थात् “जल के नीचे जीवन” लक्ष्य निर्धारित किया है।

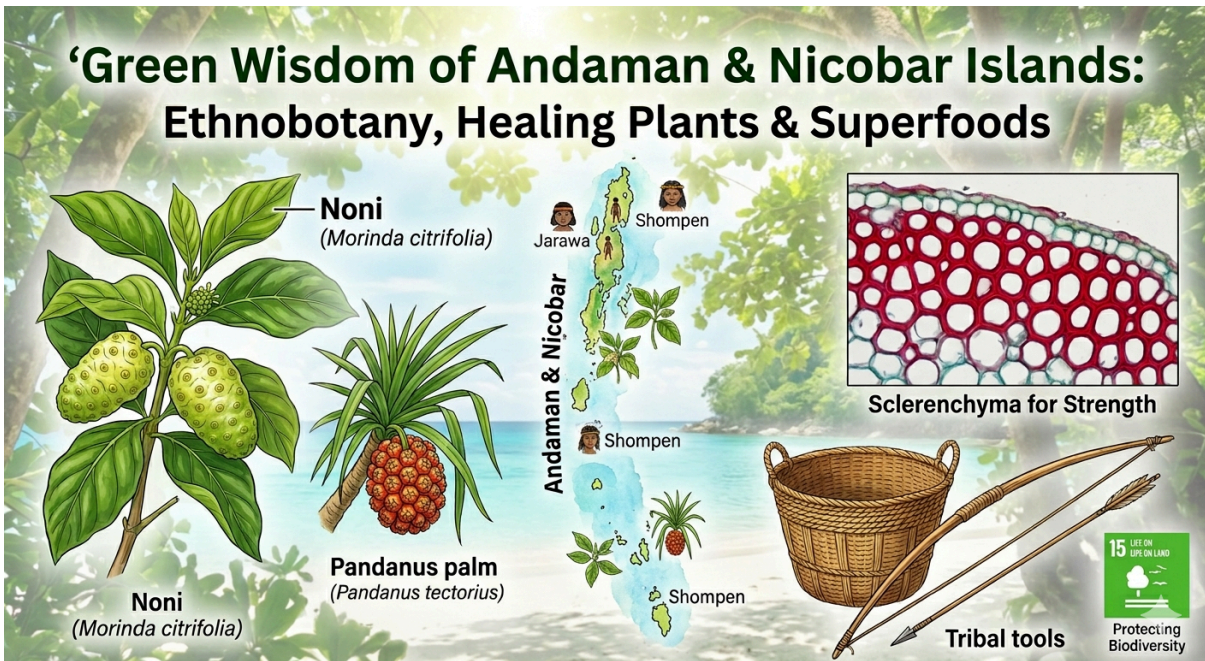
“SDG 14 – जल के नीचे जीवन” विषय के अंतर्गत अंडमान-निकोबार के समुद्री जीवन एवं पर्यावरण संरक्षण पर आधारित एक पोस्टर निम्नलिखित बिंदुओं के आधार पर तैयार कीजिए-

- \* अंडमान-निकोबार का संक्षिप्त परिचय
- \* समुद्री जीवों एवं कोरल रीफ की जानकारी
- \* समुद्री प्रदूषण के कारण एवं प्रभाव
- \* समुद्र संरक्षण के उपाय
- \* “समुद्र बचाओ” विषय पर आपका संदेश या संकल्प

कार्य रचनात्मक, जानकारीपूर्ण एवं आकर्षक होना चाहिए।

## SCIENCE

### ETHNOBOTANY OF THE ANDAMAN ISLANDS



### Task 1: The Jungle Whisperer – Decoding Ethnobotany

**The Sacred Bond:** If you were tasked with explaining the relationship between a forest community and their native flora to a fellow researcher, how would you describe the essence of Ethnobotany? How does this field of study merge human tradition with plant science?

**The Indigenous Lifestyle:** Choose one Andaman tribe (e.g., Jarawa) and briefly explain how they live in harmony with their surrounding forest ecosystem.

**The Survival Kit:** List how this tribe utilizes local plants to satisfy their three basic survival needs: food, shelter, and medicine.

### Task 2: Island Superfoods & Herbs

Identify and profile three iconic plants (e.g Breadfruit, Pandanus) and one local healing herb of the islands. Create a quick identification chart showing:

Common Name

Scientific Name (Strictly using Binomial Nomenclature formatting)

Plant Part Used (leaf, fruit, root, or bark)

### Task 3: Nutrition & Immunity

**The Nutritional Profile:** Explain the specific nutritional components and medicinal benefits of the four plants you profiled in Task 2.

**The Biological Defense:** Describe how the active compounds in these tropical "superfoods" naturally boost the human immune system and support essential metabolic functions.

### Task 4: Plant Tissues & Tools

**Natural Engineering:** Research how indigenous tribes harvest forest resources like wild canes, palms, and plant fibers to create survival tools, bows, baskets, or shelters.

**The Cellular Secret:** Explain how the cellular structure of Sclerenchyma tissue provides these raw materials with the necessary mechanical strength and flexibility.

 **Task 5: SDG Reflection (Life on Land)**

**Preserving Our Heritage:** Write a short paragraph linking this project to SDG 15: Life on Land. Explain why protecting island biodiversity and traditional tribal knowledge is absolutely essential for sustainable living and the future of global medicine.

 **Submission Guidelines**

**Format:** Prepare your project neatly on A4 size sheets.

**Presentation:** Design the project to look like an authentic "Field Journal" or "Botanist's Diary". Use creative green borders, hand-drawn illustrations, or sketches of leaves, seeds, and tribal tools to bring your journal entries to life!

## **SOCIAL SCIENCE**

### **Cooling Cities for the Summer of 2026 Actions on Synergizing Disaster Risk Reduction and Climate Change Adaptation.**

As the summer of 2026 approaches, effective cooling requires alignment between immediate actions, state-level institutional support, and national policy direction. Together, these form the foundation for enduring extreme heat in cities. It is a creative and engaging summer-time activity for students on Disaster Management – Cooling Cities in 2026. It is designed to be fun, educational, and practical, while also raising awareness about heatwave preparedness.

**SDG 11- Sustainable Cities and Communities: "Make cities and human settlements inclusive, safe, resilient and sustainable".**

**Learning Objectives:** The main objectives of giving project work on Disaster Management to the students are to-

- 1.create awareness in them about different disasters, their consequences and management.
- 2.prepare them in advance to face such situations.
- 3.ensure their participation in disaster mitigation plans.
- 4.enable them to create awareness and preparedness among the community.

**Activity - Cooling for the summer of 2026 is not about inventing new solutions; it is about acting early, targeting wisely, and aligning local action with state support and national direction.**

 **Activity Title: Cool City Challenge – Beat the Heat 2026**

 **Activity Plan: Introduction**

Heatwaves as a disaster: causes, effects, and why they are becoming more frequent in 2026. Show short visuals or infographics on rising temperatures and urban heat islands.

 **Task – “Design a Cool City”**

## Each student presents their “Cool City” plan.

The students imagine that they are city planners tasked with making their city cooler before the next heatwave in the form of a diorama. They must include at least one cooling strategies out of the three given below according to the assigned Roll no's , such as:

### Rollno. 1 to 15


Activity 1- Planting rooftop gardens or vertical greenery using reflective or light-coloured building materials.

### Roll No. 16-30

Activity 2- Creating shaded public spaces, installing water misting stations and promoting community cooling centres.

### Roll No. 31 to 45

Activity 3- Dust free- Heat free: Control particulates and create green filters of the city.

 **Students should write a short note on “One thing I can do at home to keep my surroundings cooler”. (Use colored A4 size sheets and attach with your project).**

Note- You may use recyclable materials for miniature model-making.

**Learning Outcomes:** Students will understand heatwaves as a disaster and their urban impact. They will learn practical, sustainable cooling solutions. Develop teamwork, creativity, and problem solving.

## SANSKRIT

जल के नीचे जीवन : लक्षद्वीप परियोजना

SDG14 **Life below water.**

लक्षद्वीपः भारतस्य एकः सुन्दरः द्वीपसमूहः अस्ति, यः स्वच्छसमुद्रैः, प्रवालप्रस्तरैः, रङ्गिणः मत्स्यैः, समुद्रजीवैः च प्रसिद्धः अस्ति । पृथिव्याः पारिस्थितिकसन्तुलनस्य कृते अत्रत्याः समुद्रीजीवाः महत्त्वपूर्णाः सन्ति ।

वैज्ञानिकानां मते लक्षद्वीपस्य अनेके प्रवालप्रस्तराः समुद्रजलस्य तापनेन प्रदूषणेन च प्रभाविताः सन्ति ।

संरक्षण उपाय लिखन्तु ।

- समुद्रीजीवनस्य रक्षणं कुर्वन्तु।
- जागरूकता अभियान चलायन्तु ।
- पर्यावरण-अनुकूलं पर्यटनं प्रवर्धयन्तु।

क्रियाकलाप

एकं सुन्दरं पर्यटनपुस्तिका (ब्रोशरं) कृत्वा लक्षद्वीपे पर्यटनस्य प्रचारं कुर्वन्तु तथा च जनान् समुद्रजीवानां संकटं, रक्षणं च विषये अवगतं कुर्वन्तु।

