

**MY SUMMER TIME
CLASS-IX
SESSION: 2025-26**

Our planet is a precious haven, and it's our collective responsibility to preserve its beauty and vitality. The reality of climate change is undeniable, with rising sea levels, intense floods, and droughts becoming increasingly common. As the seasons shift, our health and well-being are directly impacted.

Let's take action now to safeguard the future. As the saying goes, "the earth has enough for everyone's needs, but not enough for everyone's greed." By focusing on the UN's Sustainable Development Goals we can empower young minds to become stewards of a sustainable tomorrow.

This summer, let's embark on an initiative to raise awareness about climate change and its consequences. By working together, we can create a brighter, more resilient future. After all, "small steps today, a better tomorrow." Let's take the first step towards a greener, healthier planet for generations to come.

ENGLISH

SDG 4 - Quality Education

Objective:

To promote literacy and a love for reading, while exploring the theme of quality education through literature.

Activity: 'Literature Fest'.

Task 1: Book Review

- Choose a book that highlights the importance of education or overcoming educational challenges (e.g., 'The Diary of a Young Girl' by Anne Frank, 'The Namesake' by Jhumpa Lahiri, or "Persepolis" by Marjane Satrapi). Write a 300-400 word book review discussing how the protagonist's educational journey relates to SDG 4.

Task 2: Poetry Slam

- Write a poem (approx. 150-200 words) on the theme of education, literacy, or personal growth.

Evaluation Criteria:

1. Content knowledge and understanding of SDG 4
2. Literary analysis and critical thinking
3. Effective communication and expression
4. Creativity and originality

Tips:

- Explore different genres and authors to find inspiration.
- Use literary devices to enhance your

Submission Guidelines:

Please submit your assignment neatly organised in a folder.

Let's celebrate literature and quality education!



हिंदी

सतत विकास लक्ष्य (SDG Goal) :15
जीवन को बचाने के लिए भूमि का संरक्षण

भूमि बचाओ, जीवन बचाओ

भूमि संरक्षण एक महत्वपूर्ण प्रक्रिया है। जीवन को बचाने के लिए भूमि संरक्षण बहुत आवश्यक है क्योंकि इससे भूमि की उत्पादकता बनी रहती है, जल संचयन और प्रबंधन में मदद मिलती है। भूमि संचयन से आर्थिक व पर्यावरणीय लाभ होता है।



गतिविधि-

‘अंडमान निकोबार द्वीप समूह में भूमि संरक्षण के महत्व और इसकी आवश्यकता’ विषय पर निम्नलिखित तत्वों पर आधारित जानकारी एकत्रित करें-

- अंडमान निकोबार द्वीप समूह में भूमि संरक्षण का महत्व।
- द्वीप समूह में किए गए भूमि संरक्षण के प्रयासों का वर्णन।
- सफल प्रयासों की जानकारी।
- भूमि संरक्षण में आने वाली चुनौतियाँ।

दिशा निर्देश:- विषय से संबंधित जानकारी A4/ A3 शीट पर लिखें। संबंधित चित्र एकत्रित करें। ग्रीष्मावकाश के बाद सभी सामग्री लाएँ व कक्षा में 6 से 7 छात्रों के समूह में बैनर निर्माण करें।

MATHEMATICS

Sustainable Living in the Islands – A Mathematical Perspective(SDG 12 – Responsible Consumption)

Context : Andaman and Nicobar Islands

Objective: The Island Challenge

Life in the Andaman and Nicobar Islands is beautiful—but many everyday products are shipped in from the mainland. This means higher costs, plastic packaging, and a bigger carbon footprint. But there are smarter, local alternatives. Through this task, children will see how everyday choices—like choosing local food—can help save money and reduce pollution. By applying Mathematics to real-life issues, they're not just learning numbers—they're making a difference.

Task:

Students will conduct a comparative analysis of the cost and environmental impact of three products from the Andaman and Nicobar Islands.

- Mainland version (imported products like packaged snacks, pickles, mass produced spices etc)
- Local alternatives (island-made, coconut, sea foods etc.)

Then students will find the following

- Total cost for 3 units
- Carbon emissions from transport
- Graph (Bar Graph/ linear graph/ pie chart) your results

Example: Product Comparison Table

Product	Mainland Cost	Packaging	CO ₂ (kg)	Local Option	Local Cost
Milk	₹65	Plastic/Tetra	1.2	Coconut Milk	₹50
Noodles	₹25	Plastic	0.8	Rice Noodles	₹30
Snacks	₹40	Plastic	0.9	Banana Chips	₹35

Students will conclude that

- **Mainland products often come with hidden costs — both financial and environmental — due to transportation, packaging, and processing.**
- **Local island-made products tend to be more sustainable and cost-effective in the long run, supporting local communities and minimizing ecological harm.**

SCIENCE

“Carbon Count: Chemistry Behind Climate Change” (SDG 13 – Climate Action)

The world is facing an urgent climate crisis, and science plays a key role in understanding and solving it. This project is based on **Sustainable Development Goal (SDG) 13: Climate Action**, which urges us to take urgent action to combat climate change and its impacts.

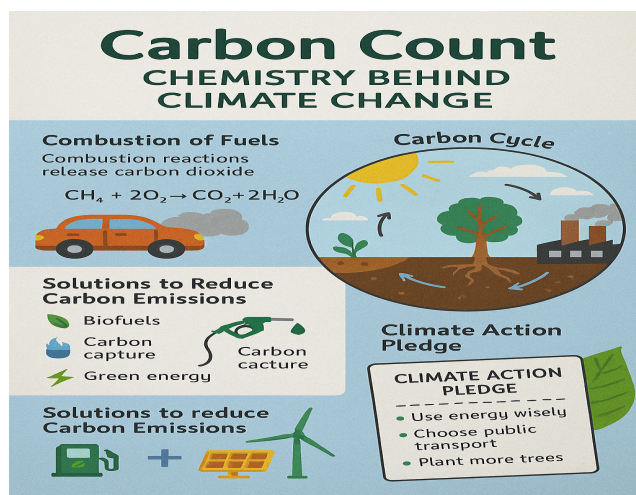
It helps us to understand how human activities like burning fossil fuels release greenhouse gases such as carbon dioxide (CO₂), which trap heat in the atmosphere and lead to global warming. By studying chemical reactions, carbon compounds, and cleaner alternatives, we can find ways to reduce emissions and protect our planet.

Objective:

To study the role of carbon compounds and combustion in global warming and explore chemical solutions to reduce carbon emissions.

- Explain how combustion of fuels releases CO₂ (with balanced equations).
- Create a diagram or model showing the carbon cycle and its impact.
- Make a **climate action pledge card** with ideas to reduce your carbon footprint.

For reference, a picture is given below:



SOCIAL SCIENCE DISASTER MANAGEMENT PROJECT

A disaster is a serious disruption of community functioning caused by a hazardous event, leading to loss and damage. This disruption can be caused by natural or human-made events, exceeding the community's ability to cope on its own. Each of us as human beings have a responsibility to reach out to help those who are affected by disasters. One day it may be us or our loved ones needing someone to reach out and seek help.

The Indian subcontinent, like many other regions in the world, is vulnerable to a number of natural hazards. Examples may include poor design and construction of buildings, inadequate protection of assets, lack of public information and awareness, limited official recognition of risks and preparedness measures, and disregard for wise environmental management.

Kindly note:

Refer to the book 'Together Towards- A safer India- Part II' (Your textbook on Disaster Management) for better understanding of the project.



PROJECT WORK-

(a) Prepare a portfolio on any two topics mentioned below.

1. Earthquake struck near Mandalay, Myanmar, 2025

2. The 2024 North Indian Ocean cyclone season

3. Great Smog of Delhi (2024) with the city experiencing record-breaking AQI levels.

4. Make a Vulnerability atlas map and prepare a report on flood, cyclone, drought, earthquake, landslide.

5. Biological WMD (Weapons of Mass Destruction)

Learning Outcomes-

The students will learn the following aspects while preparing a short report on the following points supported by illustrations or pictures.

- **Purpose of a Vulnerability Atlas**
- **Disaster Preparedness Plans**
- **Infrastructure Requirements for Disaster Risk Reduction**
- **Improve Community Resilience**

(b) Support your project with suitable pictures and statistical analysis or graphic information that should be beautifully designed on your own.

(c) Make a data table for the distribution of earthquakes in India over the past 10 years. Also, mention a few mitigation strategies for reducing the losses caused by disaster in your project file and prepare for group discussion on the topic during the class after summer vacation.

FRENCH

Design 3 day Eco tour itinerary brochure for a visitor interested in nature adventure and culture in the Andaman and Nicobar Islands.

SANSKRIT

SDG 13

“स्वच्छ पर्यावरणं अस्माकं कर्तव्यम्”

भारत स्वाभाविकतया सुंदर देशः अस्ति । यत् भारतस्य एकः सुन्दरः संघ राज्य अस्ति । यस्य नाम अंडमान निकोबार द्वीप अस्ति। आवाम् अस्य स्थानस्य प्रकृति भ्रमणं कुर्मः।

जलवायु परिवर्तनं तस्य प्रभावः निवारणार्थं च प्रयत्नाः
मुख्य बिंदु :-

- ग्रीन हाउस प्रभाव
- जल विद्युत
- परिवहन
- औद्योगिक प्रक्रिया
- जल प्रबंधन
- वृक्षारोपणम्

चित्रसहित वृत्तान्तः(रिपोर्ट) निर्मित ।

Wishing you a rejuvenating, fun-filled and great learning experience this summer break!

