

Weekly Task

Sept Week 3



World Ozone Day – Protecting Our Sky

Objective:

To build awareness about the ozone layer, environmental protection, and responsible actions through guided exploration using Britannica Library.



Students will:

- Understand what the ozone layer is
- Identify causes of ozone depletion
- Develop environmental responsibility
- Use Britannica Library for environmental research

Skills & Values:

Core Values

- Care for environment
- Curiosity about nature
- Awareness of surroundings

Key Skills

- Observation
- Visual literacy
- Vocabulary building
- Oral expression

Introduce the Weekly Theme / Genre:

Begin with a class discussion:

- What protects us from the Sun's harmful rays?
- How can pollution affect our sky?

Explain that World Ozone Day, observed on 16th September, is celebrated to raise awareness about the importance of protecting the ozone layer and taking actions to safeguard our environment.

Suggested Activities by Grade Band

Grades VI– VIII

- Students research the causes of ozone depletion using Britannica Library and build an understanding of its wider impact on Earth.
 - They explore concepts such as:
 - What leads to ozone depletion (e.g., CFCs, industrial pollution, aerosols)
 - How human activities affect the atmosphere
 - Students then read a Sustainability article to understand how environmental protection and responsible practices contribute to a healthier planet.
 - Students will analyse, reflect, and innovate.
 - They will:
 - Research and list key causes of ozone depletion
 - Explain the effects on climate (e.g., rising temperatures, environmental imbalance) and health (e.g., skin damage, eye problems)
 - Read the Sustainability article and answer related questions
 - Students will apply their understanding to solve a real-world problem.
- They will:
- Identify an environmental problem (e.g., air pollution, waste, water scarcity)
 - Design a unique invention to address the problem (e.g., pollution-cleaning drone, smart recycling machine)
 - Write a short description explaining:
 - What the invention is
 - How it works
 - How it helps the environment



Sustainability



Part 1.

Instructions: Read the Sustainability article, and then answer the questions.

1. What is sustainability?

2. What are the negative effects of using a lot of fossil fuels?

3. What is biodiversity?

Name:

Date:



Part 2.

Instructions: Try to solve an environmental problem to make the world a more sustainable place by creating a unique invention (for example, a drone that removes pollution from the air).

Describe your invention, explain how it works, and draw it out.

A. Describe your invention.

B. Explain how your invention works.



C. Draw and label your invention.