



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

HOLIDAY HOME-WORK (2024 - 2025)

Class – IX

UNDERSTANDING CARBON FOOTPRINTS

As part of the school's efforts to raise awareness about environmental sustainability, this holiday homework will focus on understanding and reducing carbon footprints. Follow the tasks below to complete your assignment.

Task 1: Introduction to Carbon Footprints

Research and Write- Write a short essay in 300-400 words explaining what a carbon footprint is, how it is measured, and its impact on the environment. Provide examples of activities that contribute to a carbon footprint.

Task 2: Personal Carbon Footprint Calculation

Calculate: Use an online carbon footprint calculator (such as the one provided by the WWF or Carbon Footprint) to measure your personal or your family's carbon footprint.

Report: Document your findings in a report, including the main contributors to your carbon footprint.

Task 3: Analysis and Reflection

Analysis: Analyse on your carbon footprint results. Identify which activities are the largest contributors.

Reflect: Write a reflection (200-300 words) on what you learned from this exercise and how you felt about your carbon footprint.

Task 4: Carbon Footprint Reduction Plan

Develop: Create a plan with at least five actionable steps you and your family can take to reduce your carbon footprint. These could include changes in transportation, energy use, diet, and waste management.

Illustrate: Make an infographic summarizing your reduction plan.

Task 5: Global Perspective

Research: Investigate how different countries are addressing carbon emissions. Choose one country and write a brief report (200-300 words) on their strategies and initiative to reduce carbon footprints.

Compare: Compare these strategies with those in your own country. Highlight any similarities and differences.

Task 6: Creative Expression

Create: कार्बन फुटप्रिंट्स को कम करने और पर्यावरण की रक्षा के महत्व को बताती हुई एक कविता या कहानी लिखिए।

नोट: उपर्युक्त गृहकार्य अपनी हिंदी नोटबुक में कीजिए तथा इसको पीडीएफ के रूप में गूगल क्लासरूम में अपलोड कीजिए।

Submission Guidelines:

Format: Compile all your work into a single PDF document. Include your poster or infographic as the last page of the PDF. If your creative expression is an artwork, include a photograph of it in the document.

Upload: Submit your completed assignment in the Google Classroom under the "Holiday Homework" section.

The **last date** for submission of holiday homework is **Monday, June 24, 2024.**

Parameters for Marking:

1. **Understanding:** Clarity in explaining carbon footprints and related concepts.
2. **Research:** Depth and accuracy of information gathered.
3. **Analysis and Reflection:** Insightfulness and personal connection in reflections.
4. **Creativity:** Originality and effectiveness in the creative expression and visual presentation.
5. **Practicality:** Feasibility and impact of the carbon footprint reduction plan.

Note: Ensure that your work is original and cited appropriately where necessary. Enjoy your exploration into the world of carbon footprints and contribute to making our planet a better place!