GRADE X: SUSTAINABLE DEVELOPMENT PROJECT WORK
ALTERNATE FUELS IN INDIA

The students will prepare a **PROJECT FILE** on **ALTERNATE FUELS IN INDIA**. This will be a part of their **Social Science CBSE Project Work on Sustainable Development**. The students will be awarded marks in the **SEA of GEOGRAPHY/ECONOMICS** on the basis of this file for **both the terms**.

AIM OF THE PROJECT: Students will gain an understanding of the scope of two important alternatives to fossil fuels in India as well as the country's plans and allocations in such cases. The flow of their project work will be as follows:

1. Cover Page
2. Acknowledgement
3. Index with page numbers -Tabular format
4. Introduction [Sustainable development, Importance of SDGs, Goal 7 among the SDGs]
5. Meaning and Importance of Alternative Fuels
6. Ethanol
    a. Source
    b. Targets set by India
    c. Benefits and Challenges for India
7. Green Hydrogen
    a. Source- How to Obtain?
    b. Targets set by India
        i. National Green Hydrogen Mission
        ii. Government Support
    c. Challenges
8. Conclusion [which should reflect the inferences the students have drawn and any specific aspect they want to highlight. This is important and should reflect the learning of the students.]
9. Bibliography
    a. In case of book citation, format to be followed:
       Last name, First name of the author or Last name, First name, editor. Title of the Textbook. Version, Publisher, Year published.
       Example: Collins, Suzanne. The Hunger Games. Scholastic, 2008.
    b. In case of web citation, format to be followed:
       Last name, First name of author. "Title of Web Page." Title of Website, Publisher, Date published, URL.

Example: Rothfeld, Lindsay. "Smarter Education: The Rise of Big Data in the Classroom." Mashable, 3 Sept. 2014, mashable.com/2014/09/03/education-datavideo/#hViqdPbFbgqH.

THINGS TO KEEP IN MIND:

- Use Hardbound Laced Practical Files
- Use Brown Notebook Cover Sheets for front and back covers of the file.
- The front cover should have TOPIC, NAME, GRADE, ACADEMIC YEAR AND RELEVANT PICTURE(S).
- The project should be HANDWRITTEN **[10-15pages]**. Only pictures can be printed.
- Do not use pictures which are not relevant to the topic. Please do not use glitter or any other decorative material to decorate your project file
- Only BLUE pen to be used for CONTENT. COLOURS can be used for HEADINGS.
- All pictures should be pasted on the left-hand side.
- All pictures must have borders and labels stating what they show.
- The project will be assessed based on clarity of ideas, content, and creativity in presentation. The more sources you refer to, the better.

DATE OF SUBMISSION: 14th August [The deadline is adjustable according to completion status (before or after) -the student to personally connect with the teacher in case of delay.]

CRITERIA OF ASSESSMENT:

CRITERIA	MARKS AWARDED
Content	4
Presentation and Creativity	4
Viva	2
TOTAL	10

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