

**HARDAYAL PUBLIC SCHOOL, BAHADURGARH**  
**SUMMER HOLIDAY HOMEWORK**  
**CLASS - VIII**

**PART A – SUBJECT ENRICHMENT ACTIVITY**



Climate change is destroying our path to sustainability. Ours is a world of looming challenges and increasingly limited resources. Sustainable development offers the best chance to adjust our course.

Ban Ki-moon

**INTRODUCTION:**

The goal of sustainable development is to meet the needs of today, without compromising the needs of tomorrow. This means we cannot continue using current levels of **resources** as this will not leave enough for future generations. Stabilising and reducing carbon emissions is key to living within environmental limits. The challenge of **sustainable development** is to put this understanding into practice, changing our unsustainable ways into more **sustainable** ones. The **aim of sustainable development** is to balance our economic, environmental and social needs, allowing prosperity for now and future generations.

**INVESTIGATORY TOPIC - SUSTAINABLE ENERGY - THE NEED OF THE HOUR!**

**GENERAL INSTRUCTIONS:** Your project should contain 10 – 15 handwritten pages, acknowledgement, Introduction, sub – topic with explanation and bibliography. It must be supported by pictures, diagrams, table work, pie – chart, newspaper clipping etc.

**SOURCE MATERIAL:** Text book , Magazine and Internet.

**COVER PAGE:** It should be handmade sheet, topic should be clear and particulars of student.

**NOTE:** Read newspaper daily to update and enhance your knowledge.

**THEME :** Sustainable energy is a cleaner option to meet human needs.

**OBJECTIVE :** To create awareness among students about the various types of sustainable energy.

**LEARNING OUTCOME:** Students will be able to:

1. Appreciate the importance of using sustainable energy.
2. Differentiate between sustainable and renewable sources of energy.
3. Reason out the necessity of using sustainable energy for a cleaner earth.

**ENGLISH:**

1. Create a comic strip/ magazine telling about the uses of renewable source of energy.
2. Use pictures/ articles to make the project an impressive one.

**HINDI:** ऊर्जा संरक्षण व संचयन के लिए एक ए4 साइज सीट पर विज्ञापन या पोस्टर बनाइए। ऊर्जा संरक्षण के किन्हीं चार स्रोतों का हिंदी व संस्कृत में चित्र सहित वर्णन कीजिए।

**MATHEMATICS:**

1. Represent any five countries of the world which are leading the way in the switch to renewable energy, using a bar graph.
2. Using a pie chart represent the same condition out of any 5 states of India.

**SCIENCE:**

1. Make a survey of 10 houses in and around your locality and find out the percent of households using LPG, Kerosene, wood, biogas or cattle dung as fuel.
2. Visit your gas dealer and ask him about the various precautions to be taken while handling and using LPG.
3. Prepare a working model for science exhibition.

**SOCIAL SCIENCE:**

1. Awareness regarding renewable source of energy.
2. Steps taken by the government to promote the renewable source of energy and project established by government.
3. Click the pictures of solar panel installed in houses in their society.
4. Write down all the renewable source of energy and their advantages and disadvantages with picture.
5. Write down the steps how to conserve our resources.
6. Paste the picture of renewable and non – renewable energy.

**PART B : ASSIGNMENT WORK:**

**English :** Do worksheet of: Determiners, subject – verb agreement, first three Informal letter, notice, Descriptive Paragraph in your handwriting notebook from assignment booklet.

**Hindi:** Do worksheet of Reader : Chapter – 1,2,3 and Grammar : Chapter - 3,4 in your Grammar notebook from assignment booklet.

**Mathematics:** Do worksheet from assignment booklet chapter – 1,2,3,5 in your assignment notebook from assignment booklet.

**Science:** Do worksheet of Chapter – 1,2,3,11 in your assignment notebook from assignment booklet.

**Activity:** “Slow the Flow: Save water” (<https://images.app.goo.gl/R9hJrPZTJB7JcAsd9>).

**Social Science:** Do worksheet of History – Chapter - 1,2. Geography – Chapter - 1,2. Civics – Chapter - 1,2 in your fair register from assignment booklet.

**Sanskrit :** Do worksheet of Grammar – Chapter - 1,2,3,4 in your grammar notebook from assignment booklet.