



ROSARY SR. SEC. SCHOOL

ART HOLIDAYS HOMEWORK CLASS 8

1. Take A3 size white drawing sheet and make a vibrant poster on topic **EVERY DROP COUNTS** (WATER CONSERVATION)
2. Make a beautiful madhubani painting on A3 size sheet with a beautiful border and colour using acrylic colours or poster colours for reference kindly see the video <https://youtube.com/shorts/J5NUMsAAR5Q?si=LiZM2GNFGa8RhWbG>

**Regards
Art Teacher**

ENGLISH HOLIDAY HOMEWORK
CLASS – VIII (2026-2027)

Theme: Conservation of Resources

1. Prepare 5 slogan cards with attractive illustrations related to fuel conservation.

- The slogan cards should be colourful.
- Do the work neatly and creatively.
- Make a collage on an A4 size sheet with the slogan cards and decorate it.
- Mention your name, class and section clearly at the back of the collage.
- Submit the holiday homework when the school reopens.

German Holiday Homework (2026-27)

Class VIII

Topic: Energie sparen/save Energy

1. Draw/Paste 5 sources of energy and label it in German. (Example – Sonne, Wasser etc.)
 2. Write 5 simple sentences in German on saving energy. (Example - Ich schalte das Licht aus.)
 3. Learn and write any 10 German words with their meanings related to environment and energy
 4. Paste or draw pictures of eco-friendly transport and write their names.
 5. Write 2 slogans in German creatively on (save energy, save earth).
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- Do this work on A4 size sheets (any colour)
 - Submit it in the first week of July in your German class.

रोजरी सीनियर सेकेंडरी स्कूल

रेडियो कॉलोनी दिल्ली - 110009

ग्रीष्मावकाश कार्य

कक्षा VIII

सत्र 2026-2027



संसाधन बचाएँ, भविष्य सजाएँ



जल बचाएँ,
जीवन बचाएँ।



बिजली बचाएँ,
ऊर्जा बचाएँ।



पेड़ लगाएँ,
पर्यावरण
बचाएँ।



कचरा कम करें,
पुनर्चक्रण करें।



संसाधन बचाएँ,
भविष्य बचाएँ।

1 संसाधनों का संरक्षण विषय पर
एक अनुच्छेद लिखिए (200 शब्द)

2 आओ संसाधन बचाएँ विषय पर एक A4 शीट पर एक पोस्टर बनाएँ।



जल है तो
कल है,
जल बचाएँ
हर पल है।



बिजली का
संयमित उपयोग
करें।



कचरे को कम करें,
पुनर्चक्रण अपनाएँ।

आओ संसाधन बचाएँ

छोटा कदम, बड़ा बदलाव



पेड़ लगाएँ,
धरती को
हरियाली दें।



प्लास्टिक हटाएँ,
प्रकृति बचाएँ।



कम प्रदूषण,
स्वस्थ जीवन।

आज बचाएँगे, कल मुस्कुराएँगे

संयमित
उपयोग करें,
संसाधन
सुरक्षित करें।

नोट -
5 जुलाई तक
जमा कराएँ।



HOLIDAY HOMEWORK: CLASS VIII MATHEMATICS

Topic: Fuel Conservation - A Step Towards Sustainable Living

Instructions:

Task 1: Data Collection & Tabulation

Survey 5 different households (this can include your own, your neighbors, or relatives). Find out what primary fuel they use for their vehicle (e.g., Petrol, Diesel) and their weekly consumption.

Enquire about the current market rate of that fuel per litre and calculate the total cost incurred by each family in one week.

Task 2: Graphical Representation

Using a graph paper, draw a Bar Graph to represent the data collected above.

Use the Horizontal Axis (X-axis) to represent the Households.

Use the Vertical Axis (Y-axis) to represent the Quantity of Fuel Used.

Note: Choose an appropriate scale for your Y-axis (e.g., 1 cm = 5 Liters) and mention it clearly on your graph.

Task 3: Data Analysis

Based on your data table and bar graph, answer the following questions:

1. Which household uses the least amount of fuel?
2. Which household incurs the maximum weekly fuel cost?
3. Find the difference between the maximum and minimum weekly expenditure on fuel among the surveyed families.

Fuel conservation is essential to reduce environmental pollution and save money. Based on your observations, mention any three practical ways in which vehicle fuel consumption can be reduced.

CLASS VIII

HOLIDAY HOMEWORK 2026-27
ROSARY SENIOR SECONDARY SCHOOL



SCIENCE



1. POSTER / MODEL ACTIVITY

Make any one simple chart in science portfolio.

- Renewable and Non-renewable Sources of Energy

OR

- Alternative Fuels like:

- Solar Energy
- Biogas
- CNG
- Wind Energy



SOLAR ENERGY



BIOGAS



CNG



WIND ENERGY

THE NEED OF THE HOUR: SWITCHING TO ALTERNATIVE FUELS

India is one of the fastest growing economies in the world. But with growth comes a big challenge – rising pollution, depleting fossil fuels and climate change. Our traditional fuels like petrol, diesel and coal are limited and cause harmful emissions that affect our health and environment.

This is where alternative fuels become the need of the hour. Fuels like CNG, biogas, solar, wind energy and ethanol are cleaner, renewable and sustainable. They reduce our dependence on imported fuels, lower pollution and help conserve natural resources.

By switching to alternative fuels, we can move towards a greener, cleaner and self-reliant India.

A small change today can create a big difference tomorrow. The future is in our hands – let's choose wisely and sustainably!



**CLEAN FUEL TODAY,
 GREEN TOMORROW.**



**CHOOSE WISELY,
 LIVE SUSTAINABLY.**



Note: All activities to be done in the Science Portfolio neatly.





CLASS VIII

HOLIDAY HOMEWORK 2026-27

ROSARY SENIOR SECONDARY SCHOOL

SCIENCE



2. SIMPLE SURVEY ACTIVITY

Write on science portfolio.

Ask 5 family members/neighbours these questions and write Yes/No.



QUESTIONS	1. NAME:		2. NAME:		3. NAME:		4. NAME:		5. NAME:	
	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
1. Do you switch off vehicle engines at red lights?										
2. Do you use public transport/carpool sometimes?										
3. Do you switch off lights/fans when not in use?										
4. Do you use LED bulbs?										
5. Do you save LPG while cooking?										

 Write the answers in science portfolio and make a small conclusion in 3-4 lines.

MY CONCLUSION



Small actions today, a better tomorrow!





CLASS VIII

HOLIDAY HOMEWORK 2026-27

ROSARY SENIOR SECONDARY SCHOOL

SCIENCE



3. CASE STUDY – A STEP TOWARDS A BETTER FUTURE

Rohan, a Class VIII student, lived in a small town in Punjab. Every day, he saw smoke from vehicles, heard about rising fuel prices and read about climate change in the news. In his science class, he learned about alternative fuels and how they can make India cleaner, greener and self-reliant.

Rohan and his friends decided to take a small step. They started a "Green Fuel Club" in their school. They visited a local CNG station and learnt that CNG emits 70% less carbon monoxide, 90% less hydrocarbons and almost no particles compared to petrol and diesel. They also visited a biogas plant in a nearby village and saw how cow dung and organic waste are converted into biogas for cooking.

The students took this message to their community. They encouraged auto and taxi drivers to switch to CNG. They also helped families set up small biogas plants.

Today, many people in the town use CNG, biogas and solar energy. The air is cleaner, fuel expenses are lower and people are healthier. Rohan feels proud that a small step taken today is helping build a better and sustainable India.



THE IMPACT: REAL FACTS

- ✓ One CNG auto replaces about 1.3 litres of petrol per day. If 1 lakh autos switch to CNG, it can save about 13 lakh litres of petrol every day in India!
- ✓ CNG vehicles emit up to 70% less carbon monoxide and 90% less hydrocarbons than petrol vehicles.
- ✓ Biogas plants reduce the use of LPG and produce organic manure for farming.
- ✓ India's installed renewable energy capacity crossed 200 GW in 2024, which includes solar, wind, biomass and small hydro.
- ✓ Ethanol blending in petrol (E20) is helping reduce import of crude oil and supporting Indian farmers.
- ✓ These steps reduce pollution, save foreign exchange, create jobs and make India energy independent.



This shows that when we choose alternative fuels, we protect our environment, save money, support farmers and build a sustainable and self-reliant India.



DID YOU KNOW?

- India is the 3rd largest consumer of energy in the world.
- Transport sector is one of the biggest contributors to air pollution.
- Alternative fuels are cleaner, renewable and help reduce our dependence on imported oil.

4. WRITE ANY FIVE WAYS TO CONSERVE FUEL.

1. _____
2. _____
3. _____
4. _____
5. _____



SAVE FUEL, SAVE ENVIRONMENT, SAVE FUTURE.
Small Steps Today, Sustainable India Tomorrow!





Rosary Sr. Sec. School

Radio colony, Kingsway camp, Delhi -110009

SOCIAL SCIENCE HOLIDAY HOMEWORK CLASS 8



FUEL CONSERVATION IN THE PRESENT SITUATION



Fuel conservation has become an important need in today's world due to rising fuel prices, increasing pollution, and excessive use of vehicles. Governments across India are promoting the use of public transport, electric vehicles, metro services, and other eco-friendly measures to reduce fuel consumption.



QUESTION



Collect information on any one recent initiative related to **fuel conservation** in India, such as:

- ★ Delhi Metro
- ★ Electric buses
- ★ Car-free zones
- ★ Bicycle-sharing systems
- ★ Promotion of electric vehicles



SAVE FUEL
SAVE NATURE



WRITE A SHORT REPORT COVERING:



- 1 Introduction of the initiative
- 2 How it helps in conserving fuel
- 3 Its benefits for the environment and society
- 4 Recent developments or present-day relevance
- 5 Your suggestions for saving fuel in daily life.



(Attach pictures, newspaper cuttings, or drawings to make your work attractive.)



DELHI METRO



ELECTRIC BUSES



CAR-FREE ZONES



BICYCLE-SHARING SYSTEMS



ELECTRIC VEHICLES

Please complete this holiday homework neatly in your Social Science scrap file.

The holiday homework has to be submitted by

⇒ **10 July 2026** ⇐

Let's join hands for a cleaner, healthier and greener Delhi! ❤️

