



LESSON PLAN

SPECIFIC OBJECTIVES

The students will learn

- ▶ what fuels are
- ▶ about types of fuels
- ▶ how we get petrol and diesel
- ▶ alternative sources of energy

TEACHING AIDS

A chart on oil refinery, blackboard, chalk, duster and digital content.

TEACHING STRATEGY

- ▶ Help the students do the Warm Up activity.
- ▶ First, define what a fuel is.
- ▶ Ask the students to name some fuels.
- ▶ Show a picture of oil refinery.
- ▶ Explain why coal and petroleum are renewable sources of energy.
- ▶ Explain how petrol and diesel reach petrol pump.
- ▶ Explain that we should conserve fuels by using alternative sources of energy like solar energy, wind energy, etc.
- ▶ Sum up the chapter by going through the points under the head 'Remember'.
- ▶ Finally, help the students do all the exercises.

BOOST UP

- ▶ Ask the students to make a poster on 'Save Energy'.
- ▶ Show the students picture/animation of windmill.

EXPECTED LEARNING OUTCOMES

The students are able to learn about

- ▶ different kinds of fuels.
- ▶ products obtained after refining petrol.
- ▶ renewable and non-renewable sources of energy.

EVALUATIVE QUESTIONS

The teachers may ask the following questions to evaluate their students.

1. What is CNG? Why is it so useful?
2. Why should we use coal and petroleum in a careful manner?
3. What is solar power?