

What if it finishes!

1. People in a big city use a lot of petrol for their cars. You want to help save this valuable non-renewable resource.

- Suggest **three different ways** you and your family can save petrol in your daily life.

Ans- **Ways for reducing the use of petro:**

i) **Bicycles should be used for covering short distances to save fuel**

(ii) **People should travel in public transport system (local bus and train service) instead of taking private cars and can also use car-pooling service**

ii) **Engines of vehicles should be designed to reduce the consumption of petrol.**

2. Your mother wants to cook dinner. She can either use a **solar cooker** or a **gas stove** (which uses LPG, a petroleum product).

- A) **Compare** the two choices by stating one advantage and one disadvantage for each in terms of long-term availability and environmental impact.
- B) If she is worried about running out of fuel one day, which source would you advise her to use and **why?** (Ans by own)

Ans - Advantage : A solar cooker is a clean, zero-emission technology during use. It uses the sun's energy, a renewable resource, instead of fossil fuels, thereby producing no greenhouse gases or other pollutants.

Disadvantage The functionality of a solar cooker is entirely dependent on sunlight. This means it cannot be used at night .

LPG gas stove

- **Advantage** : An LPG gas stove offers convenience and high reliability, as it can be used at any time of day, regardless of weather conditions. Unlike solar, which requires the sun, a gas stove provides instant, adjustable heat on demand.
- **Disadvantage** -As a fossil fuel, LPG produces greenhouse gases and other harmful pollutants when burned, which contributes to climate change and air pollution. While cleaner than fuels like coal or kerosene, it is not emission-free.