

THEME 8 ALTERNATIVE ENERGY READING SKILL (NOTIFIER)

A. Read the text and find out which of the following are covered in it.

- ___ Most used energy sources
- ___ Strengths of fossil fuels
- ___ Disadvantages of fossil fuels
- ___ Energy crisis in the world
- ___ The need for alternatives
- ___ Types of alternative energy

For millions of vehicles manufactured, for generating electricity, for heating and cooling, and for other industrial needs, humans have long been dependent on fossil fuels as the source of energy. Almost 90% of the energy used in the world is from oil, coal, and gas, which are fossil fuels. What is worrying about these fuels is that they are not eco-friendly and sustainable.

Being on the verge of running out and being harmful to the planet, fossil fuels need alternatives. Furthermore, unlike fossil fuels, these energy sources have to be renewable and eco-friendly. They have to be renewable; otherwise, they would not be sustainable. They have to be eco-friendly, or else our planet, which is already suffering from environmental problems, would not be good enough for human, plant, and animal lives.

Alternative energy can be defined as energy sources other than fossil fuels, which are non-renewable. Therefore, eco-friendly and renewable forms of energy such as solar energy, wind energy, hydroelectric energy, ocean energy, geothermal energy, hydrogen energy, and biomass energy come to the fore as common types of alternative energy.

B. Analyze the text and find out which of the solutions mentioned will work best for the environmental problems given.

GLOBAL WARMING & CLIMATE CHANGE

If you type in the words "global" and "climate" while browsing the Internet, the words "warming" and "change" will appear to complete them. This is about the home truth of our planet: environmental problems.

Although global warming and climate change seem to be the major threats to the planet Earth, they are the effects of many other major environmental problems and are related to one another. Greenhouse gases, which come mainly from fossil fuels and automobile emissions, are the main causes for global warming and climate change. Deforestation, solid waste management, and water pollution are also some other major environmental problems.

World-wide organizations, scientific commissions, non-governmental organizations, and government bodies have been working hard to cope with environmental problems at a macro level. The Kyoto Protocol and Paris Climate Agreement, which mainly focus on reducing carbon emissions, are two examples on a global scale. However, there is a lot more to do at international, national, and local levels. Some of the most common solutions to environmental problems are as follows:

- Reconsidering consumption habits
- Awareness-raising activities
- Avoiding overuse of paper
- Conserving water and electricity
- Replacing disposable items with reusable ones
- Using public transportation

What are your recommendations to "go green"?