

THEME 8 ALTERNATIVE ENERGY VOCABULARY WORKSHEET (NOTIFIER)

A. Categorize the energy sources given below as renewable or non-renewable.

solar / nuclear / geothermal / coal / natural gas / biomass / hydropower oil

Renewable :

Non-renewable :

B. Fill in the blanks with one of the words given. One is extra.

energy / threat / carbon footprints / climate / pollution / greenhouse gases / emission / environment

1. _____, which occur from fossil fuels, are the main causes for global warming.
2. Through environmentally friendly choices, we can reduce our _____.
3. Air transport causes a high _____ of carbon dioxide and causes global climate changes.
4. Renewable _____ sources, such as wind and solar power will become more important around the world.
5. The research shows that alternative energy sources can help prevent air _____.
6. It's necessary for all residents in this neighborhood to take action against the _____ of diseases.
7. One of the best ways to save the planet is to use eco-friendly products that are not harmful to the _____.

C. Choose the best option.

1. _____ can be defined as the natural heat energy generated from the Earth's core.
a Solar energy b Geothermal energy
2. _____ energy resources are infinite.
a Renewable b Non-renewable
3. _____ are non-renewable because they take thousands of years to form.
a Wind and sunlight b Coal and oil
4. More fossil fuels accelerate _____ because of more greenhouse emissions.
a global warming b deforestation
5. _____ products can be defined as being not harmful to the environment.
a User-friendly b Eco-friendly
6. _____ refers to energy sources which include renewable sources.
a Atomic energy b Alternative energy

D. Match the halves to make meaningful sentences. One is extra.

1. The main contribution of alternative energy comes from renewable energy forms, _____
 2. Renewable energy sources are constantly renewing and refilling natural sources, _____
 3. Biomass is a type of energy that is made out of biological matters, _____
 4. Hydropower is the most efficient and effective energy source for generating electricity, _____
 5. Of all renewable energy types, wind energy releases the least carbon dioxide into the atmosphere, _____
 6. Ocean energy is generated with the rise and fall of ocean waters, _____
- a. so it has the lowest carbon footprint.
 - b. so solar panels should be used to produce clean energy.
 - c. so it is the most commonly used alternative energy source in the world.
 - d. so the waves' heights, speeds, lengths and densities are important to produce electricity.
 - e. so biomass, solar, geothermal, hydroelectric, wind, and ocean energies should be preferred more.
 - f. so they're much cleaner than fossil fuels.
 - g. so wood and forest leftovers, animal waste, grains, and aquatic plants are vital for it.