

## 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.