

## WHAT ARE ENERGY SOURCES?

1. Classify the following energy sources into Renewable or Non-renewable:

Solar	Nuclear	Geothermal
Wind	Fossil Fuels	Biomass

RENEWABLE ENERGY	NON-RENEWABLE ENERGY

2. Match each energy type to its correct definition:

ENERGY TYPE	DEFINITION
Solar	Energy obtained from flowing water
Fossil fuels	Energy stored in fuels like coal or oil
Biomass	Energy from organic matter (plants, animals)
Hydroelectric	Energy that comes from the heat of the Earth
Geothermal	Energy from sunlight

### 3. Multiple Choice:

Select the correct answer:

a) Which energy source uses uranium and plutonium?

Solar energy

Nuclear energy

Wind energy

Geothermal energy

b) Wind turbines produce...

Nuclear energy

Chemical energy

Mechanical energy

Thermal energy

### 4. True or False:

Write **True** or **False** next to each sentence:

-Fossil fuels are renewable energy sources. (\_\_\_\_\_)

-Geothermal energy comes from inside the Earth. (\_\_\_\_\_)

-Nuclear energy produces radioactive waste. (\_\_\_\_\_)

-Solar panels produce energy from wind. (\_\_\_\_\_)

## 5. Complete the sentences:

Drag and drop words into the correct spaces:

sun

pollution

renewable

fossil fuels

a) \_\_\_\_\_ energy comes from sources like wind, water, and solar power.

b) \_\_\_\_\_ cause air \_\_\_\_\_ when they burn.

c) Solar panels use energy from the \_\_\_\_\_ to produce electricity.