

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
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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.