

Unit 4: Energy

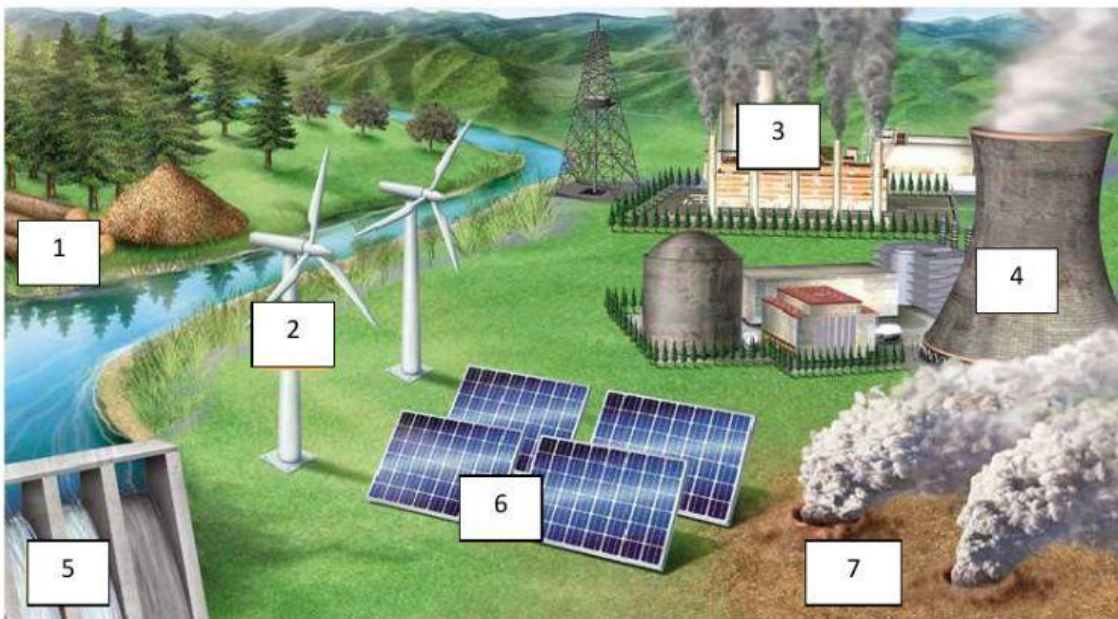
Worksheet

1. Fill in the gaps with the correct word.

- Coal is a type of _____ energy.
- Water is a type of _____ energy.
- The energy in a moving object is _____ energy.
- The energy released in a chemical reaction is a form of _____ energy.
- The vibrations which we hear is a form of _____ energy.
- A working wind turbine is an example of _____ energy.
- Water in a reservoir is an example of _____ energy.

2. Label the sources of energy using the words from the box. There are extra words.

fossil fuels	uranium	water energy	solar energy
biomass	geothermal energy	wind energy	



1. _____

5. _____

2. _____

6. _____

3. _____

7. _____

4. _____

3. Write T or F.

- When we eat our bodies produce electrical energy.
- Vibrations are related to sound energy.
- Kinetic energy depends on the mass and volume.
- A bulb produces natural light energy.
- A fridge and a microwave use electrical energy.

4. Match.

Kinetic energy

Potential energy

Mechanical energy

Thermal energy

Light energy

Electrical energy

Sound energy

Chemical energy

Kinetic + Potential

Movement / motion

Heat

Natural or artificial

Chemical reactions

Stored energy

Vibrations

Power machines

5. Write R (renewable) or NR (non-renewable).

Coal _____

Wind _____

Crude oil _____

Solar _____

Geothermal _____

Biomass _____

Uranium _____

Natural gas _____

Water _____