

Unit 4: Energy

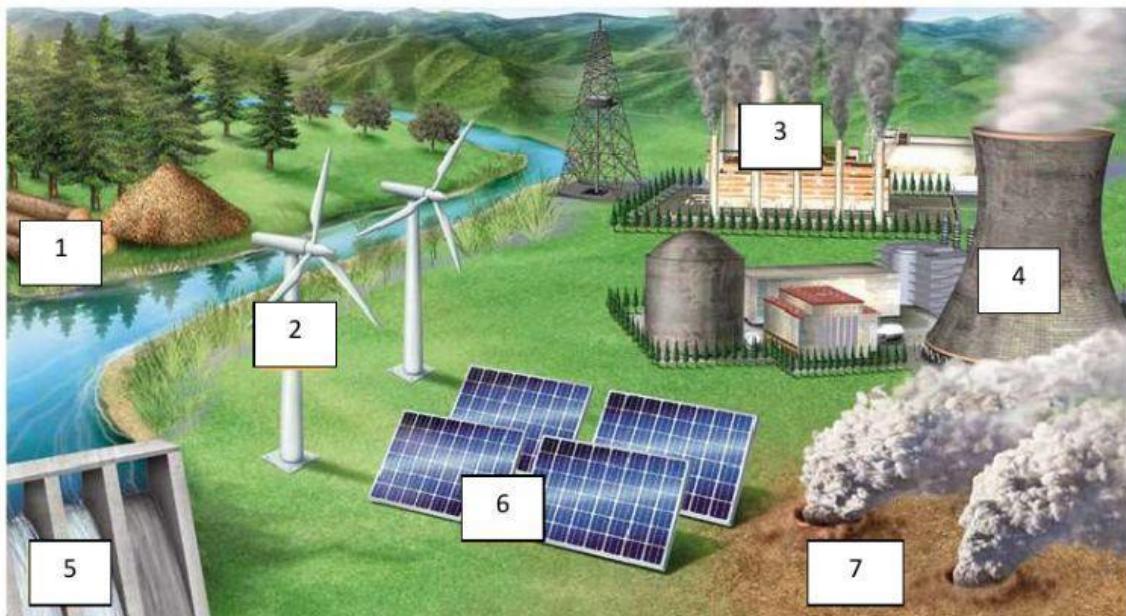
Worksheet

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. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

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	Kinetic + Potential
Potential energy	Movement / motion
Mechanical energy	Heat
Thermal energy	Natural or artificial
Light energy	Chemical reactions
Electrical energy	Stored energy
Sound energy	Vibrations
Chemical energy	Power machines

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

Coal _____

Biomass _____

Wind _____

Uranium _____

Crude oil _____

Natural gas _____

Solar _____

Water _____

Geothermal _____