

# ENERGY

## 1. Read and match.

<u>POTENTIAL ENERGY</u>	<u>ELECTRICAL ENERGY</u>	
<u>CHEMICAL ENERGY</u>		
<u>THERMAL ENERGY</u>	<u>MECHANICAL ENERGY</u>	<u>KINETIC ENERGY</u>
<u>SOUND ENERGY</u>	<u>LIGHT ENERGY</u>	

The energy that a moving object has...

The energy stored in matter...

The sum of two other types of energy...

This energy produced by a source of light...

This is released during chemical reactions...

This energy can power machines...

This energy takes the form of heat...

Vibrations of the air that we detect with our sense of hearing...

2. Match the forms of energy to the pictures.

**SOUND ENERGY**

**KINETIC AND THERMAL ENERGY**

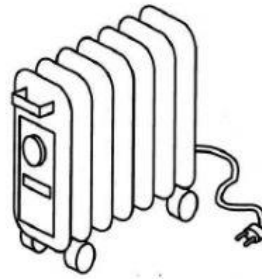
**LIGHT AND THERMAL ENERGY**

**KINETIC AND ELECTRICAL ENERGY**

**THERMAL ENERGY**



A wind turbine produces...



A radiator produces...



A candle produces...



A person running produces...



A drum produces...

3. Classify these energy sources.

<b><u>NATURAL GAS</u></b>	<b><u>WATER ENERGY</u></b>	<b><u>GEOTHERMAL ENERGY</u></b>
<b><u>CRUDE OIL</u></b>	<b><u>WIND ENERGY</u></b>	<b><u>COAL</u></b>
<b><u>URANIUM</u></b>	<b><u>BIOMASS</u></b>	<b><u>SOLAR ENERGY</u></b>

<b>RENEWABLE ENERGY SOURCES</b>	<b>NON-RENEWABLE ENERGY SOURCES</b>