

UNIT 5: MATTER AND ENERGY

→ Watch this video about **types of energy** and complete:

https://youtu.be/1JdvH_8cz-I

– Definition: Energy is the **ability** of a body to **work**.

– FORMS OF ENERGY: **heat energy, light energy, chemical energy, nuclear energy, electrical energy, sound energy, wind energy, kinetic energy, potential energy and mechanical energy.**

Examples of energy:

– The Sun provides us with two different forms of energy: **heat** and **light energy**.

– Energy from the Sun is called **solar energy**.

– Plants use **solar energy** for **photosynthesis**.

– A car moves because of the **chemical energy** found in fuel.

– The energy when a body is moving is called **kinetic energy**.

– A radio works with **electrical energy**.

– The swing moves using **mechanical energy**.

– The cook is using **fire (heat energy)**.

– Kites fly due to **wind energy**.

→ Watch this video about **energy sources** and answer the questions:

<https://youtu.be/MHutG0e58os>

1. What are the examples of renewable resources in the video?
Sunlight, wind, water, soil, forests and livestock.
2. What are the examples of non-renewable resources in the video?
Coal, natural gas and oil.

Send me your homework here:

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Thank
you!!!!