📖 Biofuel & Energy: Vocabulary Picture Cards (Level 2)

Name: _____

Cut on the dashed lines. Use the cards to match, sort, or quiz a partner.



Energy

The ability to make things move or change. Energy has no mass.



Matter

Anything that has mass and takes up space (oil, water, air).



Potential energy

Stored energy, like a rock at the top of a hill or fuel in a tank.



Kinetic energy

The energy of motion, like a rock rolling down a hill.

Chemical energy

Energy stored in the bonds of food and fuel. Living things use it.

Thermal energy

Heat energy. Burning fuel gives off thermal energy.



Lipid

Fats and oils. They store about 2.5 times more energy than sugar, gram for gram.



Biodiesel

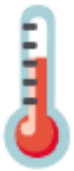
A renewable fuel made from plant or algae oil. It runs in diesel engines.

Renewable

A fuel source we can make again in a short time (plants, algae).

Fossil fuel

Coal, oil, and natural gas. Made over millions of years. Non-renewable.



Exothermic

A reaction that releases heat. The temperature goes up.



Endothermic

A reaction that takes in heat. The temperature goes down.



Carbon cycle

Carbon moves from air to plants to animals and fuel, then back to the air.