

WHAT'S ALL THE FUSS ABOUT ENERGY?

That's easy! **Energy** is the **ability** to do **WORK!**

Energy comes from a **Power Source**.

For example, we can get heat and light energy from the sun. The sun is an energy source.



Can you tell what the power sources are?

Mechanical Energy is the energy of motion that does the work like the _____ turns a windmill.

Heat Energy where motion or rise in temperature is caused by heat like a moving _____ engine.

Chemical Reactions produce energy as in the burning of _____ in a car engine.

Gravitational Energy is seen when _____ flowing over a dam, pulled by gravity, turns a water wheel.



Electrical Energy is when motion, light or heat is produced by an electrical _____ like the electric coils on your stove.

Fossil fuels are non-renewable, so be sure to conserve energy!

Energy that comes from fossil fuels like coal, oil, and gas, were formed when ancient plants, and animals, like the dinosaurs, lived hundreds of millions of years ago. As their bodies decayed along with leaves and fallen trees, they were covered by layers of mud and sand, slowly changing over time under high pressure and temperature to become coal, oil and gas.



Unscramble the letters to find out what type of power sources these are:



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ANSWER PAGE

That's easy! **Energy** is the **ability** to do **WORK!**

Energy comes from a **Power Source**.

For example, we can get heat and light energy from the sun. The sun is an energy source.



Can you tell what the power sources are?

Mechanical Energy is the energy of motion that does the work like the **WIND** turns a windmill.

Heat Energy where motion or rise in temperature is caused by heat like a moving **STEAM** engine.

Chemical Reactions produce energy as in the burning of **GASOLINE** in a car engine.

Gravitational Energy is seen when **WATER** flowing over a dam, pulled by gravity, turns a water wheel.



Electrical Energy is when motion, light or heat is produced by an electrical **CURRENT** like the electric coils on your stove.

Fossil fuels are non-renewable, so be sure to conserve energy!

Energy that comes from fossil fuels like coal, oil, and gas, were formed when ancient plants, and animals, like the dinosaurs, lived hundreds of millions of years ago. As their bodies decayed along with leaves and fallen trees, they were covered by layers of mud and sand, slowly changing over time under high pressure and temperature to become coal, oil and gas.



Unscramble the letters to find out what type of power sources these are:



LSORA

SOLAR



ODOW & ACLO

WOOD & COAL



LOI

OIL



SGA

GAS



DWNI

WIND