

Electricity is a form of power that is produced by the movement of electrons. When the flow of electrons is constant, it produces an electric current.



## Key vocabulary

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### **insulator**

A material that stops heat or electricity from escaping.

### **electricity**

A form of energy caused by the motion of electrons and protons. Or, electrical power or an electrical current.

### **conductor**

A substance that allows heat, electricity, or sound to travel through it.

### **kinetic energy**

Energy formed or caused by movement.

### **electron**

A part of the nucleus of an atom. Electrons carry a negative electrical charge.

### **current**

The movement of water in a river or on an ocean.

## Related articles

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### Electricity

Did you know that we get electricity from water, the sun, and even from wind? It can also be found in nature, like static electricity.



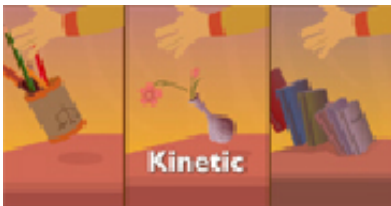
### Renewable Fuels

It takes a lot of energy to run the world. Some sources of energy will run out eventually, but others can be replaced. Do you know what those are?



### Fossil Fuels

Do you ever wonder where gasoline comes from? Well, believe it or not, it started with plants and animals that lived millions of years ago!



### Energy & Matter

If you want to make a change in matter, first you have got to have the energy!



### Atoms: Protons, Neutrons, Electrons

Atoms are everywhere. They are in everything. So what are atoms made of? We have the scoop!