

## ELECTRICITY - VOCABULARY

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- **appliance** = an electrical machine that you normally use in the house, like a cooker or a washing machine
- **attract** = pull towards an object
- **back and forth** = to go in one direction and then in the other
- **balanced** = the same as stable
- **blade** = a flat part of an object that pushes against water
- **build-up** = increase
- **bump** = a small area that is higher than the rest
- **carbon** = a chemical material that is in coal or petrol ; it is in its purest form in diamonds
- **charge** = the electricity that is put into an object, like a battery, to give it power
- **circuit** = the complete circle that an electric current travels
- **coil** = a wire that goes around an object in a circle and produces light or heat when electricity passes through
- **connect** = join
- **convert** = change
- **copper** = a soft red and brown metal that lets electricity and heat pass through easily
- **cord** = cable
- **current** = a flow of electricity through a piece of metal
- **decrease** = to become smaller
- **device** = machine or a tool that does something special
- **distribution lines** = wires or cables that transport electricity
- **drag** = pull
- **equal** = the same as
- **flow** = to move
- **friction** = when you rub something against something else it gets hot
- **fuse** = a short piece of wire inside a machine which stops the electricity when there is too much power
- **heart failure** = when your heart stops beating
- **high voltage** = a high electrical force
- **in place** = where they are
- **increase** = to become bigger
- **injury** = if you hurt yourself
- **keep** = remain, stay
- **light bulb** = a glass object that is inside a lamp - it produces light
- **lightning** = a powerful flash of light in the sky, during a thunderstorm
- **liquid** = fluid, watery object
- **measured** = the unit of something
- **occur** = happen
- **pan** = a round metal container that you use for cooking
- **particle** = a very small part of an atom
- **pass through** = go through
- **paste** = sticky material, like glue
- **plug in** = to connect an electrical object to the electricity supply of a house
- **power line** = a large wire that carries electricity above or under the ground
- **resistance** = material that stops electricity going through it
- **rotate** = to go around
- **safety** = security, protection
- **safety feature** = things in machines or electric objects that protect you from being hurt
- **scientist** = a person who is trained in science
- **socket** = a place in a wall where you can connect an electrical object to the main supply of electricity
- **source** = the place you get something from
- **spin** = to turn around something very quickly
- **steam** = the white gas that water produces when you make it hot
- **steam engine** = an engine or motor that works with steam power
- **steel** = a strong metal that can be formed
- **switch** = an object that starts or stops the flow of electricity when you press it
- **tissue** = the material that forms animal or plant cells
- **transform** = change
- **transformer** = a machine that changes electricity from one voltage to another
- **turbine** = a motor that moves a special wheel around
- **voltage** = an electrical force measured in volts
- **wire** = a very thin piece of metal in which electricity can pass through
- **wiring** = the network of wires in a house or building