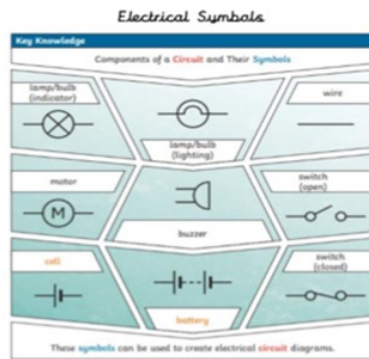


Year 6 Science Electricity Autumn 1

Diagrams and Images



Important Facts / People

Electricity is a natural force and was not invented by humans.

Lightning is the discharge of electricity in the atmosphere.

Most of the power plants around the world use fossil fuels to generate electricity.

Renewable energy sources like solar, hydroelectric, geothermal, wave and wind are sources of electric generation that has the least amount of impact on the environment and our planet.

William Kamkwamba—provided his village with water by designing a wind turbine out of scrap materials.

Electricity and water do not mix. It is dangerous to use electricity near water as it is an electrical conductor.

People who deal with electricity and electrical devices in our homes and factories are called electricians.

Useful websites: [BBC Bitesize Electricity](#)

Vocabulary / Key Terms

amps	How electricity current is measured.
bulb	A light bulb is used to determine whether or not electricity is flowing in a circuit.
cell/battery	A device that stores energy as a chemical until it is needed.
circuit	A path that an electrical current can flow around.
current	The flow of electrons measured in amps.
electrons	Very small particles that travel around an electrical circuit.
switch	A device to interrupt the flow of electrons in a circuit.
symbol	A visual picture that stands for something else.