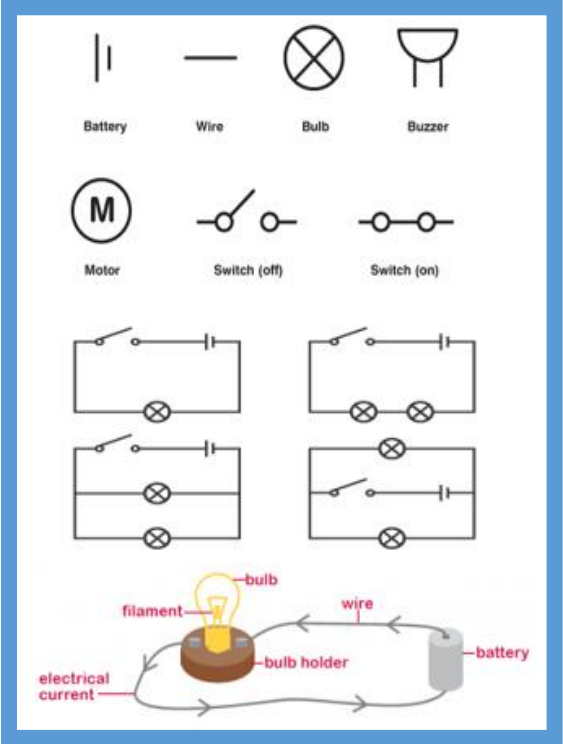




Name of Topic	Electricity	Year Group	6
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### Key Vocabulary and Spellings

1	voltage	A force that makes electricity move through a wire.
2	current	A flow of electricity.
3	series	A closed circuit in which the current follows one path.
4	component	The elements of circuit which helps in its functioning.
5	conductor	A material which carries electricity.
6	circuit	A complete and closed path around which a circulating electric current can flow.
7	positive/negative terminal	The positive and negative points of a cell at either end of a circuit.
8	complete circuit	A circuit is a complete path around which electricity can flow.
9	cell	A device containing electrodes that is used for generating current.
10	battery	A container consisting of one or more cells where chemical energy is converted into electricity and used as a source of power.



### Key Dates

1	1829	Joseph Henry's discovery of electromagnetism
2	1868	The first power station was built
3	1883	The first plug was unveiled in England
4	1928	The first pylon was installed in the UK.
5	1956	The first nuclear power station was built in the UK.

### Key Investigations

1	How do circuits work?
2	What's the difference between a series and a parallel circuit.
3	How can we make wires?
4	What is voltage?

### Top 5 Topic Facts

1	Some materials are conductors of electricity while some are insulators of electricity.
2	Electric current is measured in amperes (amps).
3	Electric potential energy is measured in volts.
4	There are different types of electrical circuit: parallel and series.
5	Lightning is a discharge of electricity in the atmosphere