



# Y4 Design Technology Knowledge Organiser - Torches

Assessment Question: How does a circuit make a bulb light up?

## Key vocabulary

- clip - joins two things
- rectify fault - correct something that is wrong
- screw - a metal pin with a spiral ridge, holding things together by being twisted in
- connect, join - bring together and fix
- electricity - a form of energy used for lighting, heating or making machines work.
- circuit - the path of an electric current
- battery / dry cell - a device for storing and supplying electricity
- battery holder - holds a battery
- bulb - a glass globe that produces electric light
- bulb holder - holds a bulb
- wire - a piece of wire is used to carry electric current
- insulation - prevents electricity passing through
- crocodile connector - a clip
- aluminium foil - a thin metal sheet
- switch - a device to turn on and off
- reflector - a material that reflects light
- energy - power.

