

Year 4

Electricity

We are learning about:

- **how electricity can help us** (identify common appliances that run on electricity - sound, light, heat movement)
- **simple circuits** (construct a simple series electrical circuit, identifying and naming its basic parts, involving at least cells, wires, bulbs, switches and buzzers)
- **how to identify circuits which work** (identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery)
- **how switches control circuits** (recognise that a switch opens and closes/ makes or breaks a circuit and associate this with whether or not a lamp lights in a simple series circuit)
- **which materials are good electrical conductors** (recognise some common conductors and insulators, and associate metals with being good conductors)

We are learning to:

- **investigate** (to be able to set up a simple practical enquiry)
- **record my results** (to be able to record findings using drawings)
- **use my results to make predictions** (to be able to use results to make predictions)