

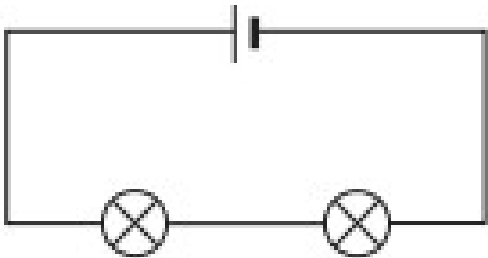


Mossfield Primary School Knowledge Organiser

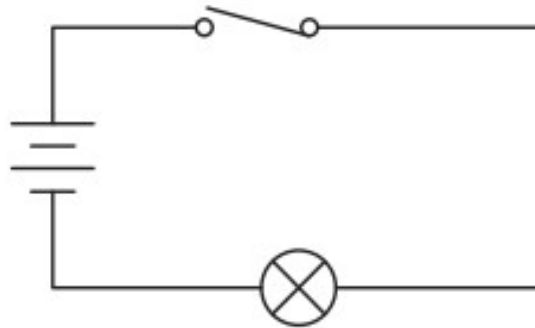


Year 6 — **Electricity** — Use recognised symbols when representing a simple circuit in a diagram. Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches. Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.

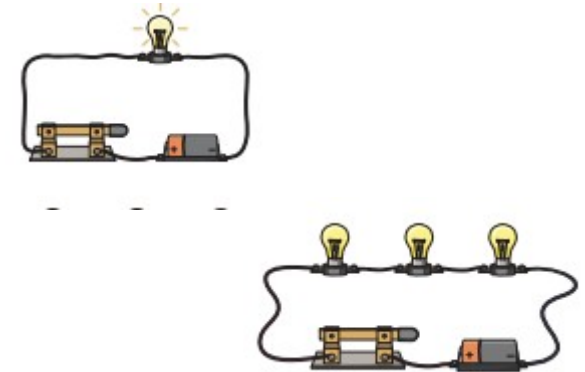
Construct and draw series circuits using symbols



To investigate and understand complete and incomplete circuits



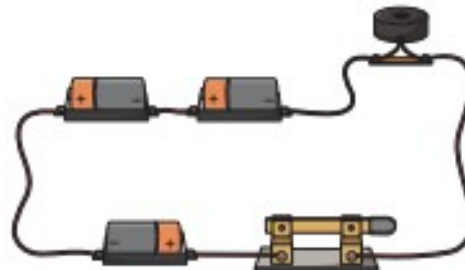
To investigate and understand variation within circuits



To plan an investigation to find out how the voltage in a circuit affects the loudness of a buzzer



To investigate how the voltage in a circuit affects the loudness of a buzzer and evaluate our results



To begin to understand how renewable energy can be used to generate electricity and the advantages and disadvantages



