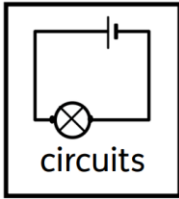
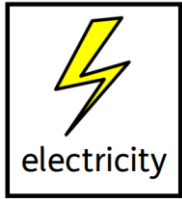
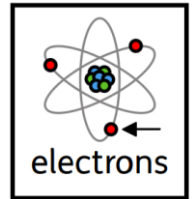
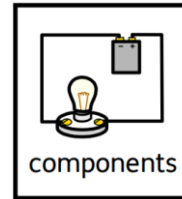


# Electricity



Science  
Term 3

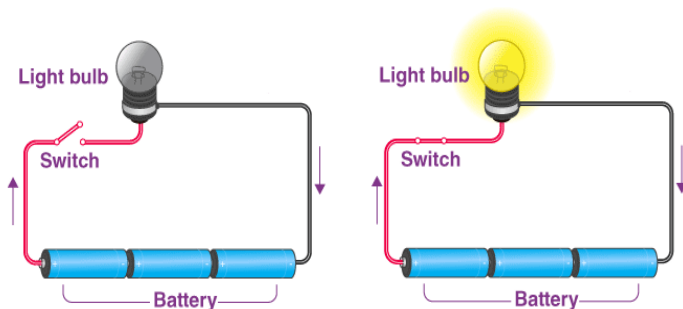


## What should I already know?

- I know common appliances that run on electricity.
- I know how to construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.
- I know how to 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.
- I can recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.
- I can recognise some common conductors and insulators, and associate metals with being good conductors.

## What am I going to learn? (Sticky Knowledge)

- To recognise and draw scientific circuit symbols.
- To understand that the voltage and number of cells affect the brightness of a lamp.
- To understand how components function in a series circuit.
- To create a functioning circuit to light a lamp.



## Key Vocabulary

battery		dimmer	
cell		brighter	
series circuit		electrons	
switch		charge	
symbol		positive	
amps		negative	
voltage		buzzer	
current		resistance	