Science Subject Knowledge Bank Year 6: Electricity



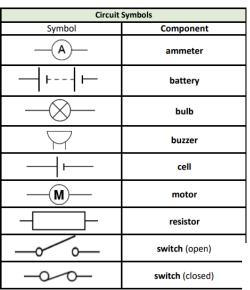
Vocabulary	<u>Definition</u>
Cell	A device that converts chemical energy into electrical energy.
Voltage	The pressure that electricity is pushed through a circuit.
Current	A flow of electricity

What happens when you add more cells to a circuit?

- Adding more cells to a complete circuit will make a bulb brighter, a motor spin faster or a buzzer make a louder sound.
- If you use a battery with a higher voltage, the same thing happens.

How do you test components impact on a circuit?

 Create a circuit, one by one change each component and observe what happens each time.



What happens when you add more components to a circuit?

- Increasing the number of bulbs/motors/buzzers in a series circuit decreases the brightness of the bulbs, the volume of buzzers and the power of motors.
- In a series circuit, the voltage is equally distributed among all of the components.

