

Earth and Space Award

The Earth orbits the sun taking $365\frac{1}{4}$ days.

The Sun gives us warmth and light.

Shadows form when the light is blocked. Shadows move and change size as the Earth spins. When the Sun is overhead, shadows are shortest.

The Earth takes 24 hours to spin once.

The moon orbits the Earth taking 28 days.

Gravity is a pulling force. It pulls us and everything else to Earth.

1 got their **FIRST** certificate!!!



Demo Primary School (primaryclass.co.uk)

Circuits work when they are

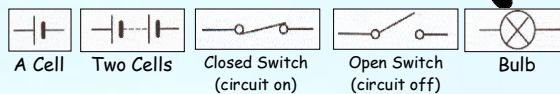
complete. This means there are no gaps in it.

Metals, such as copper, are great **conductors** of electricity. Plastic, wood, rubber are good **electrical insulators**.

Electricity is **very dangerous**. Water also easily **conducts electricity**, and so should be kept well away from each other.

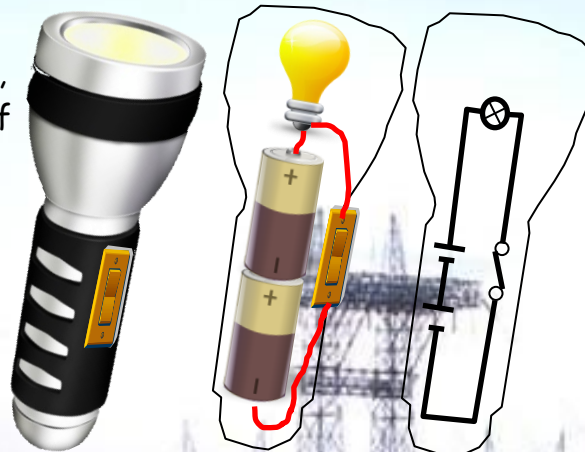
Circuits Award

A switch is able to **break or complete a circuit**, depending on if it is open or closed.



More **bulbs** in a circuit will make them **dimmer**. More **batteries** will make them **brighter**.

Cells (batteries) need to be the same way round (- to +) to create the flow of **electricity** around the **circuit**.



10 got their **TENTH** certificate!!!



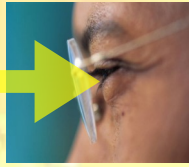
Demo Primary School (primaryclass.co.uk)

Light Award

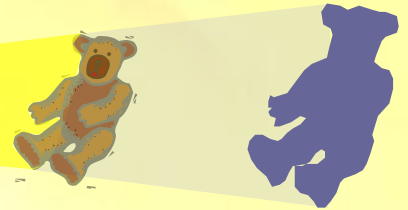


Light travels in straight lines

from a source to our eyes.



The closer the object to the source, the larger the shadow.



Light cannot bend, but reflects off objects.

Shadows form when light is blocked.



The closer the object to the source, the larger the shadow.



11 got their **ELEVENTH** certificate!!!

