

Chemical reactions (glow worms and glow sticks)

The sun and other stars

The sun can be dangerous

We need to protect ourselves from the light from the sun as it can damage our eyes and our skin.





Without light I can't see



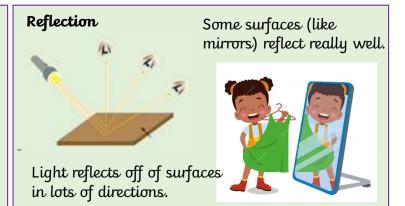
lots of light from the sun



A little light reflected by the moon

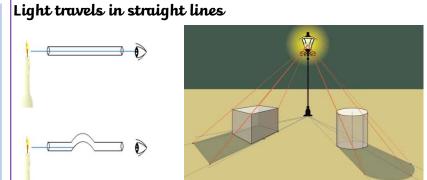


No light at all





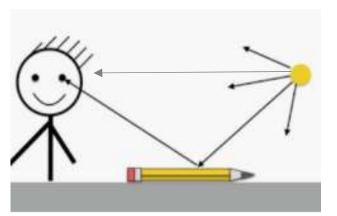
length when the light source moves.



of Being Scientist

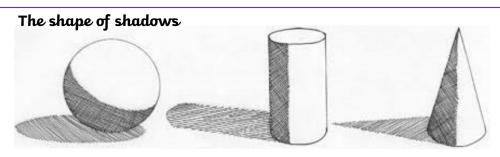
Because light travels in straight lines it can be blocked, meaning we either can't see it, or that shadows are formed.

How do we see?



We can see light sources because their light travels directly to our eyes.

We can see objects that aren't light sources because light from a light source reflects off them and into our eyes.



The shape of a shadow is the same as the shape of the object causing it because light travels in straight lines.