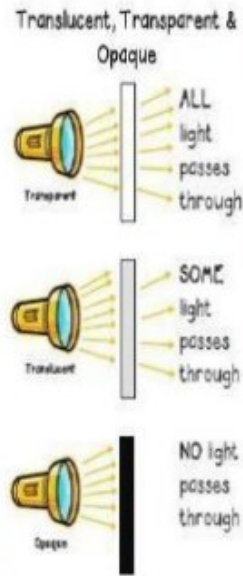
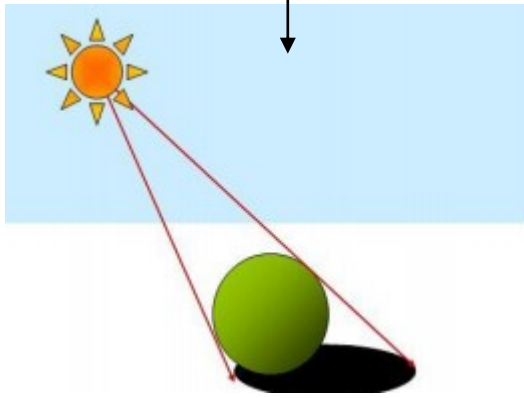


Light Knowledge Organiser

Shadows

When light from a light source is blocked by an opaque or translucent object a shadow is formed.

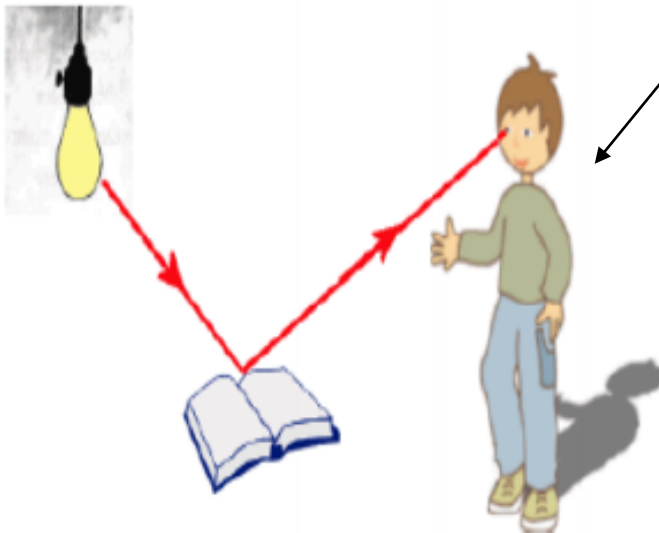
Shadows have the same shape as the objects that cast them due to light travelling in straight lines.



Light travels in straight lines.

Objects are seen because light travels from a light source to our eyes or from light sources to objects and then to our eyes.

Objects are seen because they give out or reflect light into the eye.



Light Source

Something that provides light.

Reflection

The throwing back by a body or surface of light, heat or sound without absorbing it

Refraction

The bending of light as it passes from one substance to another

Spectrum

A band of colours, as seen in rainbows, produced by separation of parts of light

Shadow

A dark area or shape produced by a body coming between light and a surface

Light

The natural agent that stimulates sight and makes things visible.

