

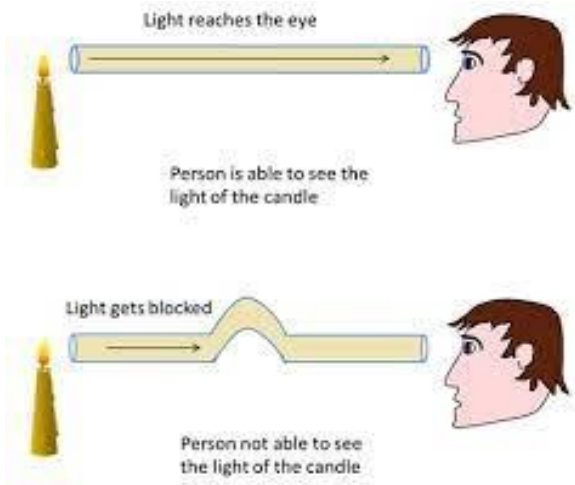
Key vocabulary

refraction	this is when light bends as it passes from one medium to another for example, light bends when it moves from air into water
translucent	objects that let some light through but scatter the light so we can't see through them properly

Key knowledge

- Light travels in straight lines.
- Because light travels in straight lines, the shape of an object's shadow will be the same as the outline shape of the object.
- The size of a shadow is larger when the light source and object move closer to each other as more of the light is blocked.
- When light passes from one material to another (e.g. from air to water), it changes direction; this is called **refraction** and happens because light travels at different speeds in different materials.

Light travels in straight lines



We are building our knowledge from
Light (Year 3)

How we see: Light reflecting off objects



Refraction



Translucent, Transparent and Opaque



Shadows

