

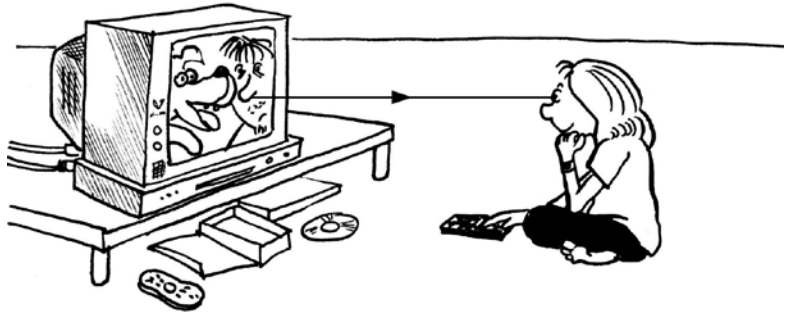
Light

How we see things

The Sun and burning candles make light.
They are **light sources**.

We can see light sources when the light from them goes into our eyes.

We see the Moon and other non-luminous objects because they **reflect** light into our eyes.



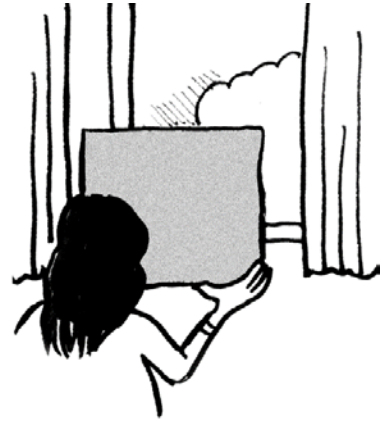
Light travel can through **transparent** materials.



Some light can go through **translucent** materials, but you cannot see clearly through them.



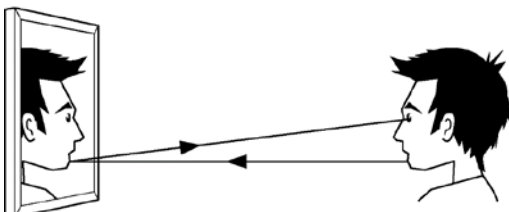
Light cannot travel through **opaque** materials.



Shadows are made when opaque objects **block** light. You have a shadow on a sunny day because light from the Sun cannot travel through you. Shadows do not have colour and do not have detail e.g. your eyes.

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

You can see a picture of yourself in a **mirror**. Mirrors **reflect** light. Light changes direction when it hits a mirror.



Shiny materials are good at reflecting light because they are very smooth. You can usually see yourself in a piece of shiny material.