



Somerset Bridge Primary School
Aspire - Brave - Care - Collaborate

Science: Light

Autumn 1: Year 6

Key Vocabulary



Light



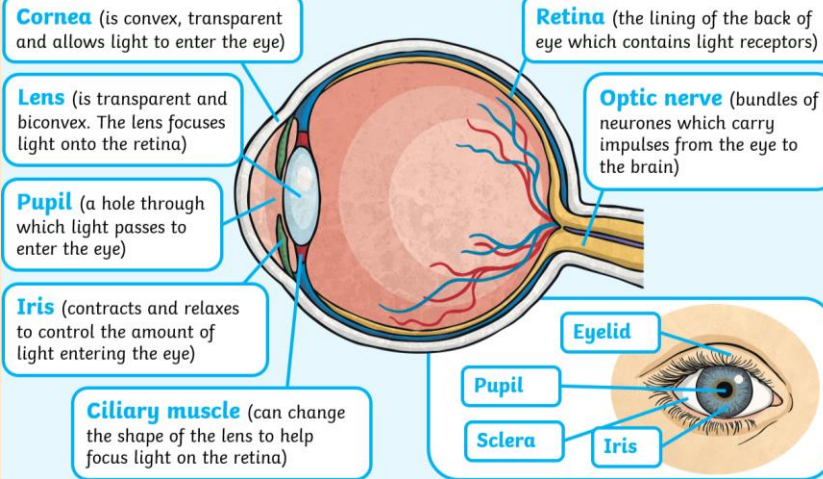
Light travels in straight lines.

The sun is the main source of light.

Some materials create shadows because light cannot pass through them.

Mirrors and some other materials reflect light. Light bounces away at the same angle it hits the surface.

The Human Eye

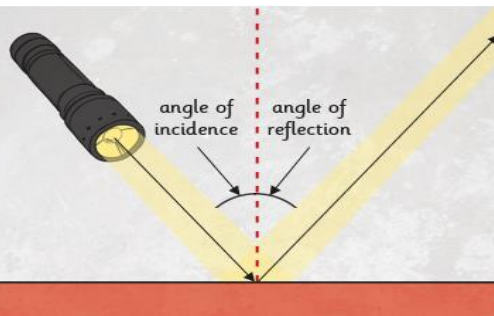


Source	An object which emits (gives out) light.
Reflective	A material which light bounces off, like a mirror.
Transparent	A material that allows light to pass through it enough that we can see objects on the other side.
Translucent	A material which allows some light through, but we cannot see through clearly.
Opaque	A material which does not allow light through.
Shadow	The absence of light caused by an opaque object.

Links to Real Life

Different materials reflect different amounts of light.

Blackout blinds in WW2 were made of opaque materials which did not let light through.



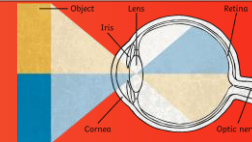
How we see:

Light travels from a source to an object.



It bounces off the object and into our eyes.

The light goes through the lens where it is flipped upside down, then to the retina.



The optic nerve flips the image up the right way and sends it to the brain.