



Knowledge Bank: Year 3 Science - Light

Key Vocabulary:

We need light to see because without light it is dark.

Light travels in a straight line.

Beams of light bounce off some materials (reflection) this is how we see these objects.

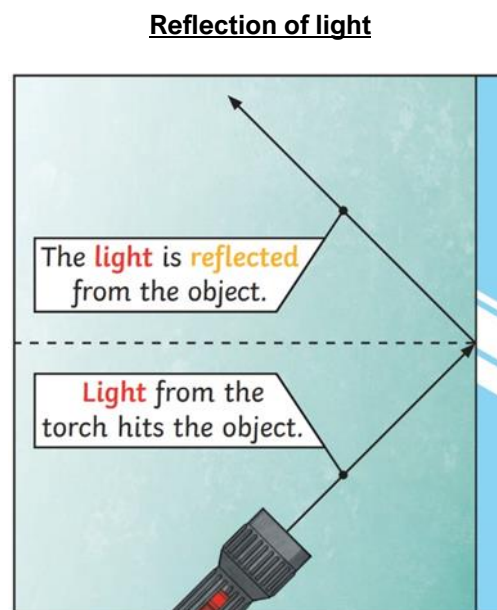
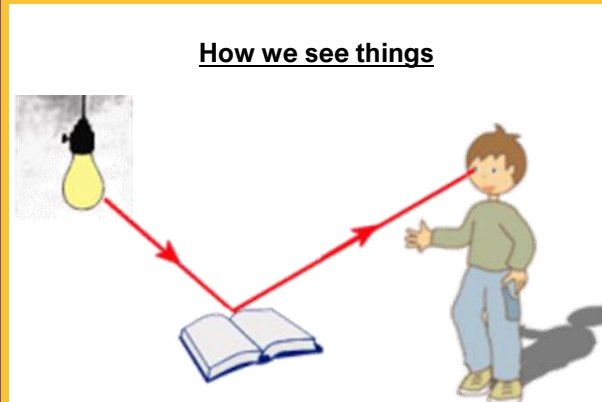
Transparent materials let light through them and opaque materials don't let light through.

Shiny materials reflect light beams better than non-shiny ones.

Shadows are formed when no light can pass through. The size of shadows can change.

The light from the sun can be dangerous due to UV rays so we need to protect our eyes and skin.

Diagrams/Images:



Key Vocabulary:

light	A form of energy that travels from a light source.
light source	An object that produces its own light such as the sun, fire, lamps and torches.
reflection	The process where light hits the surface of an object and bounces back into our eyes.
shadow	The dark shape made when something blocks light.
UV rays	Ultraviolet radiation is a type of energy produced by the sun.
transparent	Something light can travel through.
translucent	Something that lets some light through.
opaque	Something light cannot travel through.

What I should already know:

It is dangerous to look at the sun, even when wearing sunglasses.

