

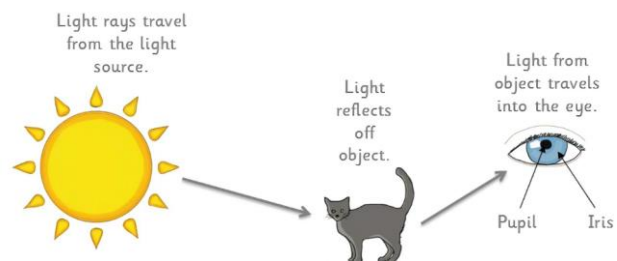
Sources of Light



Middlethorpe Primary Knowledge Organiser Autumn 2 Year 3 Light and Sight



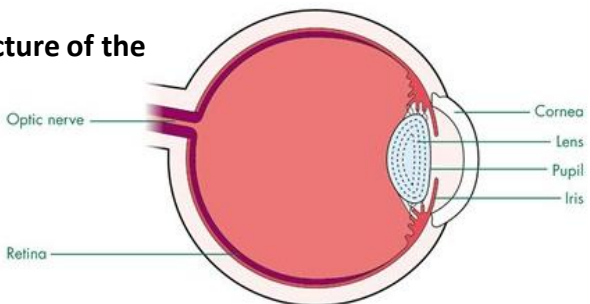
How do we see things?



Eye safety.

- Wear sunglasses when out in the sun to protect your eyes.
- Wear a hat with a wide brim to protect your eyes.
- Have regular eye tests.

Structure of the eye



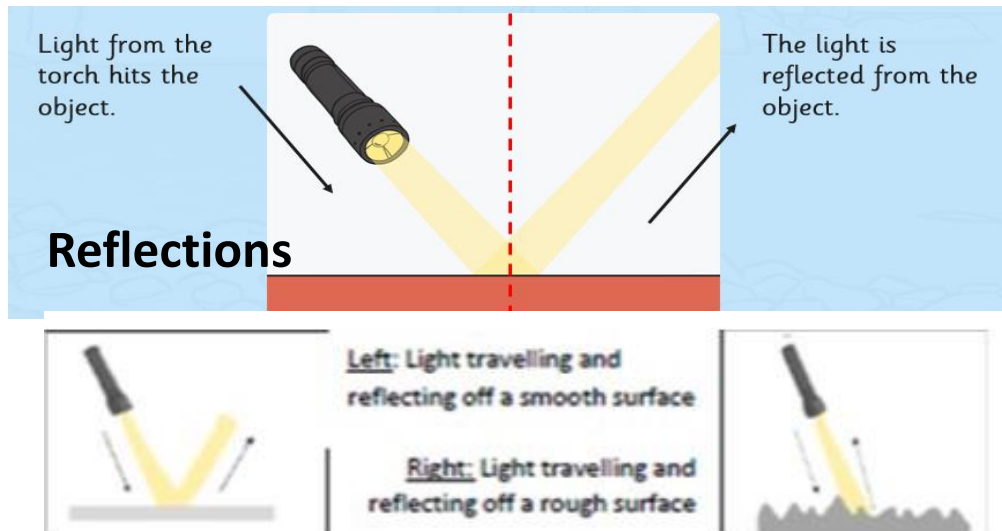
Dangers of Sunlight

- Too much light can damage the retina.
- It causes pain, so that you instantly close your eyes.

Size of shadows



Reflections



Vocabulary Dozen

Shadow	A dark shape that appears on a surface when someone or something moves between the surface and a light source.
Light source	Place or thing where light originates from.
Reflect	To move in one direction, hit a surface and then quickly move in a different direction.
Opaque	If an object is opaque you cannot see through it.
Transparent	If an object is transparent you can see through it.
Translucent	If an object is translucent some light can pass through it.
UV light	Cannot be seen by the human eye, and is a type of electromagnetic radiation.
Pupil	The dark circular part at the centre of the iris in the eye, where light enters.
Cornea	The transparent skin covering the outside of the eye.
Iris	The round coloured part of the eye.
Lens	The part behind the pupil that focuses on light and helps you to see clearly.
Mirror	A flat piece of glass that reflects light, so you can see objects reflected in it.