

# Sources of Light



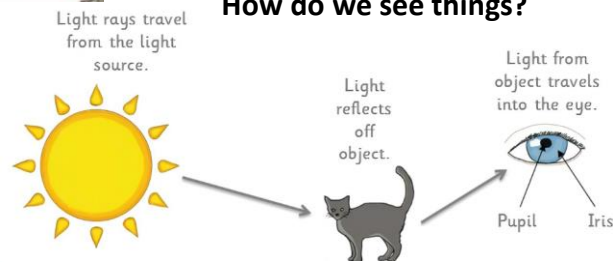
# Knowledge Organiser Year 3 Autumn 2 Light and Sight



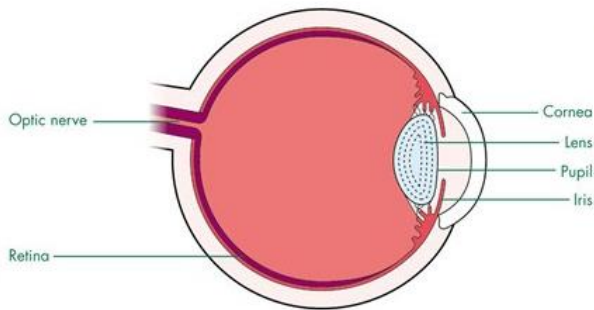
## Size of shadows



## How do we see things?



## Structure of the eye



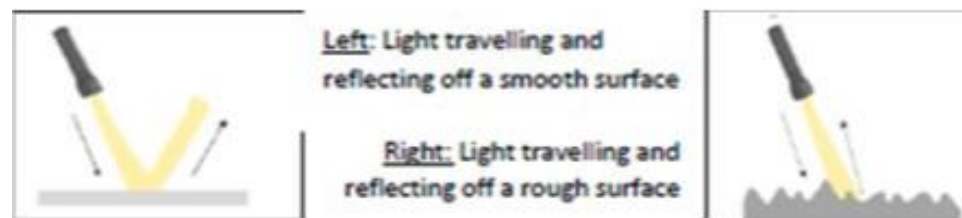
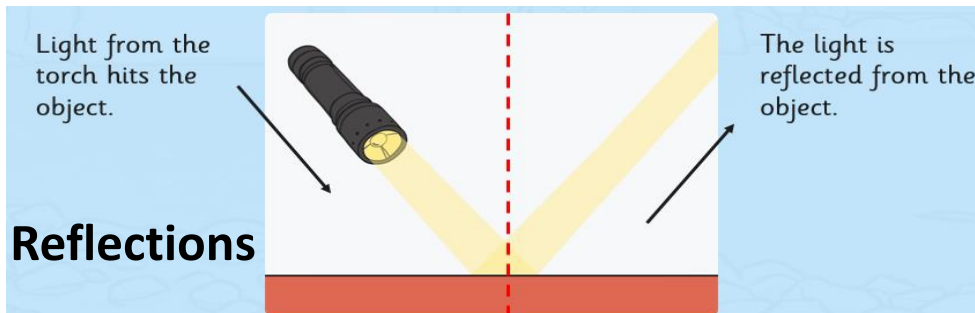
## Dangers of Sunlight

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

## 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.

## Reflections



## Vocabulary Dozen

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