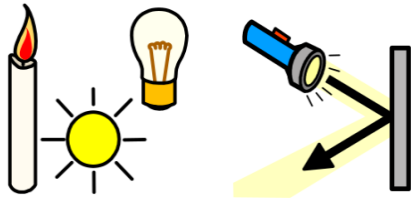
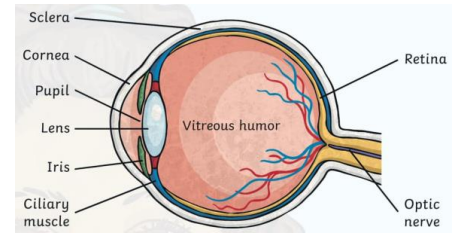


# Light



## Science Term 2























### What should I already know?

- To recognise that they need light in order to see things and that dark is the absence of light.
- To notice that light is reflected from surfaces.
- To recognise that light from the sun can be dangerous and that there are ways to protect their eyes.
- To recognise that shadows are formed when the light from a light source is blocked by an opaque object.
- To find patterns in the way that the size of shadows change.

### What am I going to learn? (Sticky Knowledge)

- To recognise that light appears to travel in straight lines
- To use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- To explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- To use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them

### Key Vocabulary

 light	 sight	 shadow	
 source	 eye	 translucent	
 travel straight	 eye structure	 transparent	 protection
 natural	 surface	 opaque	 dangers
 man made	 cast shadow	 refract	
 reflect	 form/shape	 UV rays	