



**WALT:** assess gaps in our understanding of light through formal assessment.

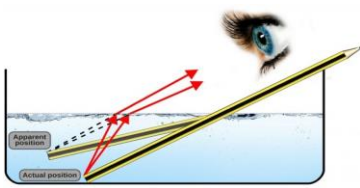
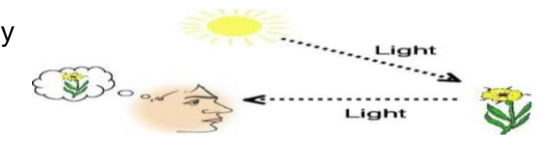
6

**Knowledge:** see all prior knowledge.  
**Vocabulary:** see all prior vocabulary..

**WALT:** explain that objects are seen because they give out or reflect light into the eye.

5

**Knowledge:** How do periscopes use mirrors to reflect light into the eye so you can see objects?  
**Vocabulary:** Spectrum, prism



**WALT:** recognise that light appears to travel in straight lines, through an investigation of how refraction changes the direction.

3

**Knowledge:** Can the direction in which light travels be changed?  
**Vocabulary:** Refraction



**WALT:** understand why shadows have the same shape as the objects that cast them.

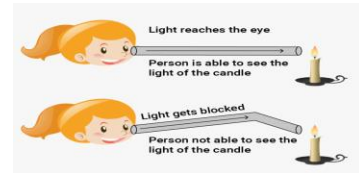
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**Knowledge:** Why do shadows have the same shape as the objects that cast them?  
**Vocabulary:** opaque

**WALT:** recognise that light appears to travel in straight lines.

2

**Knowledge:** Can light travel round corners? Can light pass through objects?  
**Vocabulary:** Linear (straight lines)



**WALT:** 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..

1

**Knowledge:** How are we able to see things?  
**Vocabulary:** Pupil, Lens, Iris, Cornea, Retina

