

Light



Key Facts

1. Light appears to travel in straight lines.
2. We need light to see. Light sources create light, such as the sun.
3. Other objects that can appear as light sources, such as the moon are reflecting light.
4. We can see different objects by light reflecting from the object into our eyes.
5. Shadows are the same shape as the object that is blocking the light.

Assessment

I can recognise that light appears to travel in straight lines.



I can 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



I can 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



I can 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

Simple comparisons

dark, dull, bright, very bright

Comparative vocabulary

brighter, duller, and darker

Superlative vocabulary

brightest, duller, and darkest

Opaque, translucent, transparent

Shadow – block, absence of light

Reflect – bounce, mirror, reflection

See – light source

Sun – sunset, sunrise, position