

Year 6:

Light

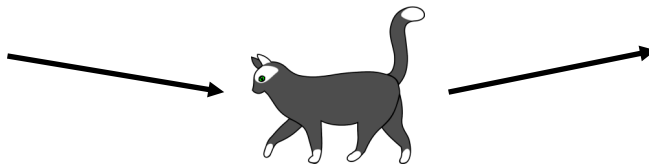
Key Learning

We need light to see things. Light travels out from sources of light in straight lines. These lines are often called rays or beams of light.

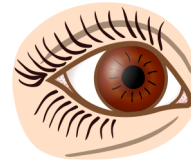
Light travels from the light source



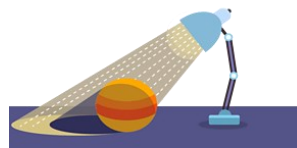
Light reflects off objects



Light from objects travels into the eye

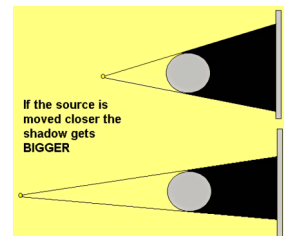


A shadow is always the same shape as the object that casts it. This is because when an opaque object is in the path of light from a light source, it will block the light and cast a shadow.



Shadows can also be elongated or shortened depending on the angle of the light source.

A shadow is also larger when the object is closer to the light source. This is because it blocks more of the light.



Sticky Vocabulary

light rays	Light travelling from a source in a straight line.
translucent	Describes objects that let some light through, but scatter the light so we can't see through them clearly.
transparent	Describes objects that let light travel through them easily, meaning you can see through the object.