

Light

Year 3

I will recognise that I need light in order to see things and that darkness is the absence of light.

I will notice that light is reflected from surfaces.

I will recognise that light from the sun can be dangerous and that there are ways of protecting my eyes.

I will recognise that shadows are formed when the light is blocked by an opaque object.

I will find patterns in the way that the size of shadows change.

Year 6

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

I will recognise that objects are seen because they give out or reflect light into the eye.

I will 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 will use the idea that light travels in straight lines to explain why shadows have the same shape as the object that cast them.