

What I should already know:

>Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.

>Describe the simple physical properties of a variety of everyday materials.

### Key Vocabulary

light	a form of energy that travels in a wave.
Natural light source	an object that makes its own light.
dark	an absence of light
reflect	to bounce off
ray	waves of light are called light rays. They can also be called beams.
reflection	the process where light hits the surface of an object and bounces back into our eyes.
reflective	a word to describe something which reflects light well.

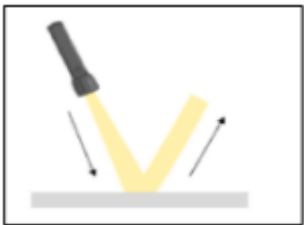
# Light

We see things when light from a source enters our eyes

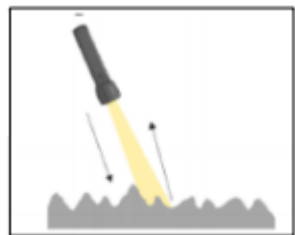


Light travels directly from the light source to the eye.

Here the light goes from the light source, bounces off the object and into your eyes, so that you see the object.



Light travelling and reflecting off a smooth surface.



Light travelling and reflecting off a rough surface.

As the light source moves closer in relation to the object, the shadow gets shorter. As the light source moves further away, the shadow gets longer.

