








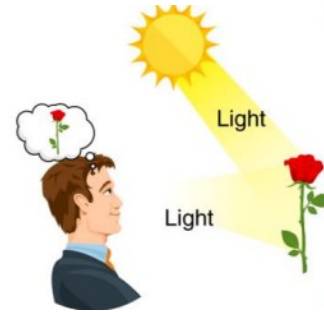


# Light and shadow

## Year 3 - Summer 2

 <b>light</b>	A form of energy that travels in a wave from a source.
 <b>light source</b>	An object that makes its own light, like a lamp.
 <b>reflection</b>	When light bounces off a surface, changing the direction of a ray of light.
 <b>ray</b>	Waves of light are called light rays. They can also be called beams.
 <b>pupil</b>	The black part of the eye which lets light in.
 <b>shadow</b>	An area of darkness where light has been blocked.
 <b>opaque</b>	Describes objects that do not let any light through them.
 <b>translucent</b>	Describes objects that let some light through but we can't see through them clearly.
 <b>transparent</b>	Describes objects that let light travel through them easily meaning we can see straight through the object.



We need light to be able to see things. Light travels in a straight line. When light hits an object, it reflected (bounces off). If the reflected light hits our eyes we can see the object. Some surfaces reflect light well, others do not. **Shiny, flat and smooth** surfaces are best for reflecting light.

