



Vital Vocabulary

Light	A form of energy that travels in a wave from a source.
Light source	A form of energy that travels in a wave from a source.
Dark	Dark is the absence of light.
Reflection	The process where light hits the surface of an object and bounces back into our eyes.
Reflect	To bounce off.
Reflective	A word to describe something that reflects light well.
Ray	Waves of light are called light rays. They can also be called beams.
Transparent	Objects that allow most light to pass through them e.g. windows, lightbulbs, drinking glass.
Translucent	Objects that allow some light to pass through them e.g. sunglasses, wax paper, screens.
Opaque	Objects that allow no light to pass through them e.g. wood, rocks, people

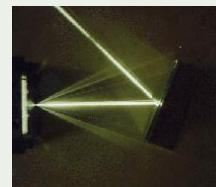
We need light to see things. Darkness is the absence of light.



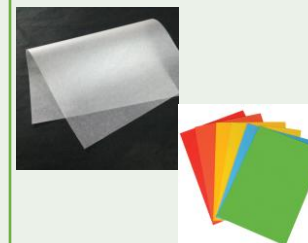
Light reflects off some surfaces.



Mirrors reflect light.



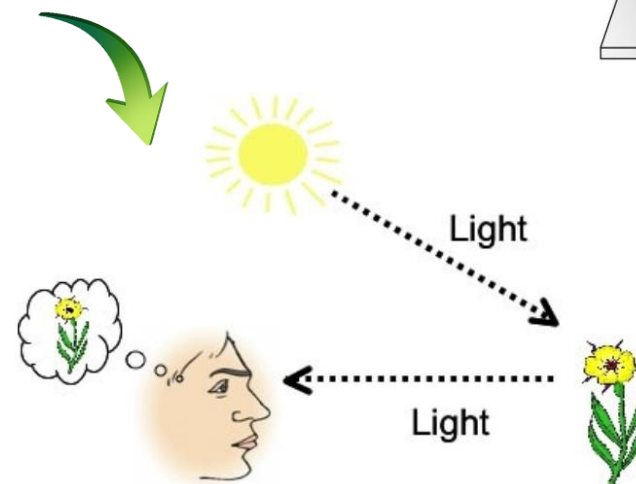
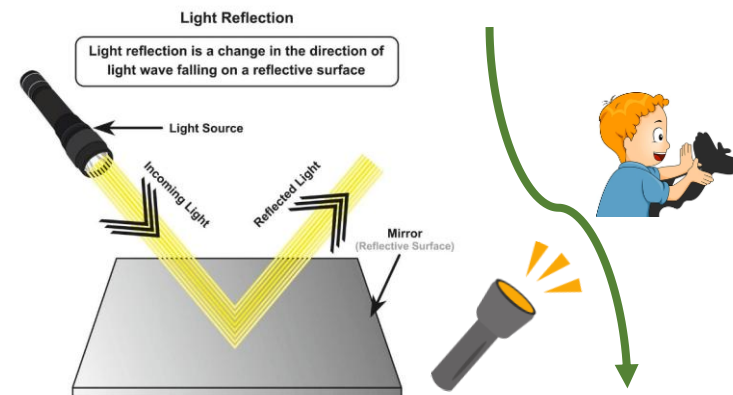
Some materials block light to form shadows.



The closer to the light source an object is, the bigger the shadow will be.



We can see different objects when there is light. When a ray of light falls on an object from the source of light, this light is reflected in all directions after hitting that object. The reflected light then reaches our eyes and we become able to see that object.



A shadow is caused when light is blocked by an opaque object. A shadow is larger when an object is closer to the light source. This is because it blocks more of the light.

