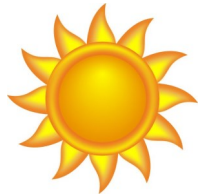


What will I know by the end of the unit?

Ultraviolet (UV) light is a type of radiation which you can't see but can be dangerous. UV rays can come from the sun.



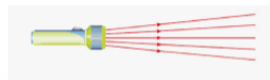
Darkness is the absence of light



Light travels faster than sound



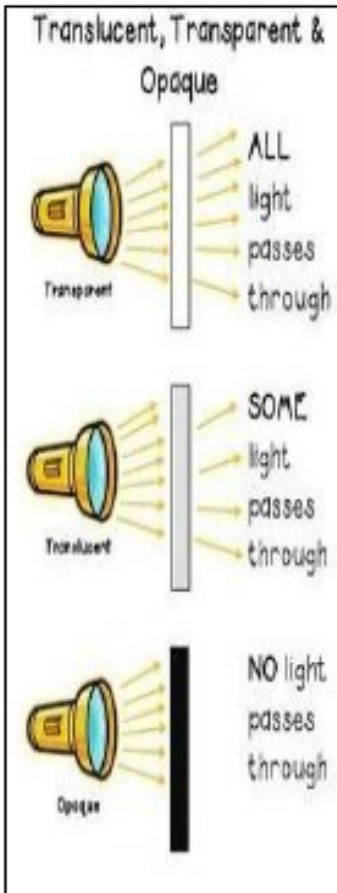
Light travels in a straight line



LARGE SHADOW
when the toy is close to the light

SMALLER SHADOW
when the toy is further from the light

TINY SHADOW
when the toy is a long way from the light



Sources of Light

Vocabulary:

dark	The absence of light
light	A brightness that lets you see things
light source	An object that makes its own light
reflection	Where light hits a surface of an object and bounces back into your eye
ray	Waves of light are called light rays. They may also be called beams
shadow	An area of darkness where light has been blocked
Opaque	If an object or substance is opaque, you cannot see through it
transparent	If an object or substance is transparent, you can see through it
translucent	If a material is translucent, some light can pass through it

Key Scientists:

James Clerk Maxwell (1831- 1879)

Thomas Young (1773 - 1829)

