



light	Helps everyone to see.
light source	Something that gives out light.
dark	Without light.
absence of light	No light at all, completely dark.
surface	The outside or upper part of something.
shadow	A dark shape where light doesn't shine.
reflect	Bounce off.
mirror	A surface which reflects a clear image.
sunlight	Light from the sun.
dangerous	Something that is not safe.



We see objects because our eyes can sense light. Some objects, for example, the sun, light bulbs and candles are sources of light.



Dark is the absence of light. We cannot see anything in complete darkness.



Objects are easier to see if there is more light. Some surfaces reflect light. Objects are easier to see when there is less light if they are reflective.

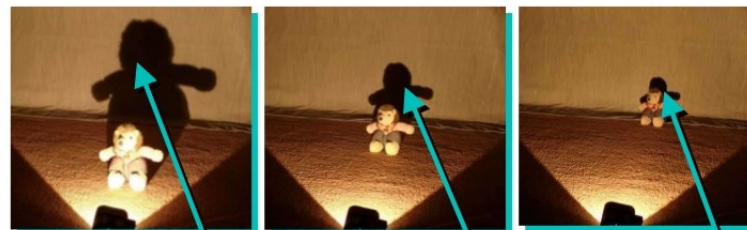
Property of a surface	Description
shiny 	Shiny surfaces are smooth (sometimes polished) and look bright because they are reflective (reflect light).
matt 	Matt surfaces are not shiny . They look dull because they are not reflective (do not reflect light)..



Shadows are formed on a surface when an opaque or translucent object is between a light source and the surface and blocks some of the light.

The size of the shadow depends on the position of the source, object and surface.

Size of shadows



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



The light from the sun can damage our eyes and therefore we should not look directly at the sun

We can protect our eyes by wearing sunglasses or sun-hats in bright light.



transparent



Transparent materials let light pass through them so you can see clearly what is on the other side.

translucent



Translucent materials let some light pass through them but you can't see clearly what is on the other side.

opaque



Opaque materials block light so it cannot pass through. This means you can't see through them.