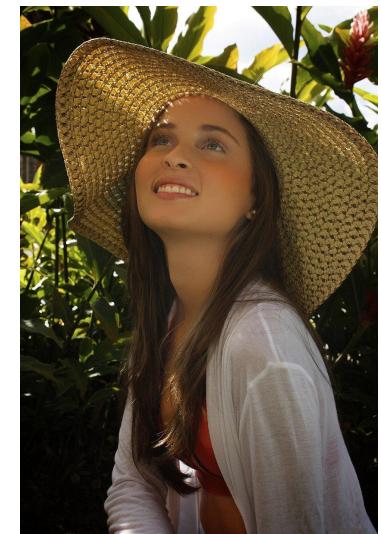


Year 3 Spring - Why do we need light?

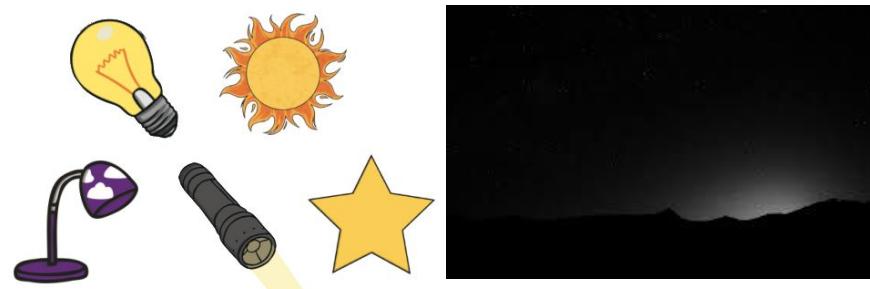
Key Vocabulary

Light	Type of energy that allows us our eyes to sense light
Light source	An object that emits its own light (e.g. the Sun)
Reflective	A surface that bounces back light
Opaque	A material that does not allow light to pass through
Transparent	A material that allows light to pass through
Translucent	A material that allows light through but cannot be seen clearly
Shadow	A dark shape or outline of something that is made when light is blocked
UV rays	Ultra-violet rays produced by the sun and some other man-made objects

The light from the sun can be dangerous. It can damage our eyes. We must never look directly at the sun. We can protect our eyes by wearing sunglasses or sun hats in bright sunlight.



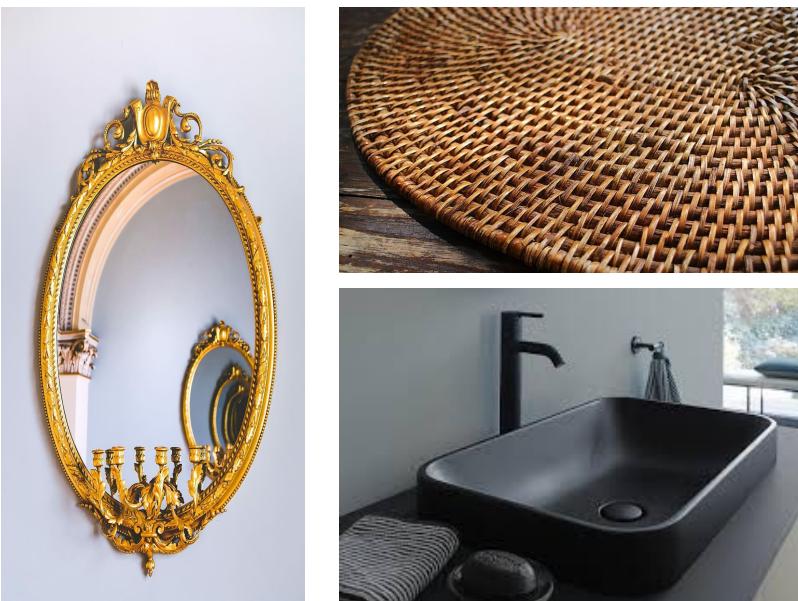
Light is a type of energy that allows the human eye to see things. Without light, there is only darkness.



An opaque object blocks the light from getting through. A dark shape or outline is formed. This is a shadow.



Shiny surfaces reflect light, while matt surfaces absorb light.



We can change the size of the shadow by changing the position of the: light source, object, surface and where the shadow is being made.

