



## Key Vocabulary

<b>darkness</b>	the absence of light
<b>light</b>	the natural substance that makes objects visible
<b>protect</b>	keep safe from harm or injury
<b>reflect</b>	when light bounces off something
<b>shadow</b>	a place that light cannot get to because something is blocking the light

## What are sources of light?

- Light comes from different sources.
- Light comes from natural sources such as the sun or fire,
- Or, man-made sources such as a light bulb or a torch.



Natural sources of light exist without the help of humans.



Man-made sources of light, exist only due to human invention and rely on other energy to work.

## Year 3 - Light

### What is a shadow?

- Shadows are created when a solid or opaque object appears between that object and a source of light.
- The shape of a shadow shows the shape of the object making them.
- The size of a shadow changes at various points throughout the day as the sun moves in the sky.



### What is a reflection?

- A reflection is when light is thrown back from an object.
- Shiny surfaces reflect light well, like mirrors do.
- Matt, dark surfaces do not reflect well at all.



### What is sunlight?

- 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 sunhats in bright sunlight.

