

# Light and Dark! KS1 Knowledge Organiser

## Subject Specific Vocabulary

<b>Light</b>	The brightness that comes from the sun or other light sources such as a torch etc.
<b>Darkness</b>	The absence of light. (There is no light)
<b>Light sources</b>	Sources of light are somethings that give off light. There are lots of different sources of light some are natural and some are man made. Such as torches, sun, fire etc.
<b>Shadows</b>	A dark shape that appears when light is blocked.
<b>Sun</b>	The Earth depends on the Sun for heat and light. It is a star at the centre of the solar system.
<b>Sun safety</b>	Taking steps to make sure we stay safe when exposed to sun.
<b>Transparent</b>	Clear. Light passes through a material that is transparent.
<b>Opaque</b>	Doesn't allow light to pass through. You cannot see through it.
<b>Material</b>	What an object is made from.
<b>Reflective</b>	Something that can be seen easily.
<b>Bright</b>	Full of light/shining.



## Sticky Knowledge about Light

- Shiny things reflect light. Reflective materials and objects can help to keep us safe when it is dark.
- Darkness is caused when there is no light.
- Light travels really fast! Faster than sound.
- A shadow is made when light is blocked.
- Light comes from a number of sources. Some are natural like the sun and others are man made such as a torch.
- We use electric in our homes to see when it is dark.
- The sun can be dangerous! UV rays come from the sun.

## Exciting Books



## Light sources

- Torch
- Candles
- Fireworks
- Sun
- Light bub
- Technology (phone/laptop etc)
- Some animals (Fireflies)

## What will we find out?

- ✓ Why we need light.
- ✓ Where light comes from
- ✓ How shadows are formed.
- ✓ How to be safe in the sun.
- ✓ Why light from the sun can be dangerous.