

## Year 3: Light Knowledge Organiser

### Key Vocabulary

<b>light</b>	A form of energy that travels in a wave from a source.
<b>light source</b>	An object that makes its own light.
<b>sun</b>	Responsible for providing the heat and light that makes life on earth possible.
<b>sunlight</b>	The light that comes from the sun.
<b>dangerous</b>	Something that could cause harm or injury to a person or thing.
<b>shadow</b>	An area of darkness where light has been blocked.
<b>block</b>	To stop or make it difficult to see something.
<b>opaque</b>	Describes objects that do not let any light through but scatter the light so we can't see through them properly.
<b>transparent</b>	Describes objects that let light travel through them easily, meaning that you can see through the object.
<b>translucent</b>	Describes objects that let some light through, but scatter the light so we can't see through them properly.

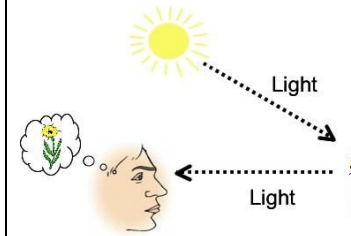
Light from the sun can be dangerous.

There are ways to protect our eyes.



### Key Knowledge

We need light in order to see things.



Dark is the absence of light.



Shadows are formed when the light from a light source is blocked by an opaque object.



Light is reflected from surfaces.

#### Reflections From the Surface of Water



Smooth Water Surface



Wavy Water Surface