

Year 3 Science: Light

Prior Learning

- I can explore the natural world around them, making observations and drawing pictures.
- I understand some important processes and changes in the natural world around me.

Sticky Knowledge

- I recognise that I need light in order to see things.
- I know that dark is the absence of light.
- I notice that light is reflected from surfaces.
- I understand that light from the sun can be dangerous and that there are ways to protect our eyes.
- I know that shadows are formed when the light from a light source is blocked by an opaque object.
- I can find patterns in the way that the size of shadows change.

Vocabulary

Angle	The direction from which you look at something.
Bright	A colour that is strong and noticeable, and not dark
Mirror	A flat piece of glass which reflects light, so that when you look at it you can see yourself reflected in it.
Opaque	Something you cannot see through it.
Reflects	Sent back from the surface and not pass through it.
Shadows	A dark shape on a surface that is made when something stands between a light and the surface.
Source	Where something comes from.
Sunglasses	Glasses with dark lenses which you wear to protect your eyes from bright sunlight.
Surface	The flat top part of it or the outside of it.
Torch	A small electric light which is powered by batteries and which you can carry.
Translucent	If a material is translucent, some light can pass through it.
Transparent	If an object or substance is transparent, you can see through it.

