

Mickleover Primary School – Science Knowledge Organiser

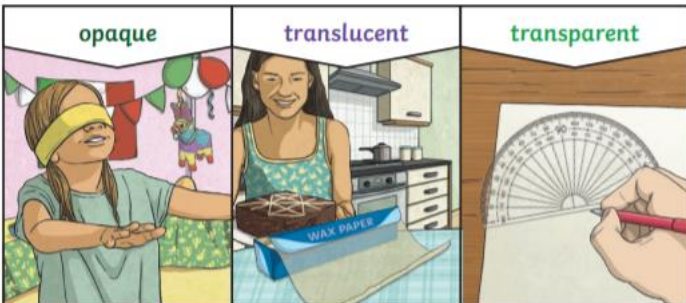
Title: Light

Year Group: 3

Term: Summer 2

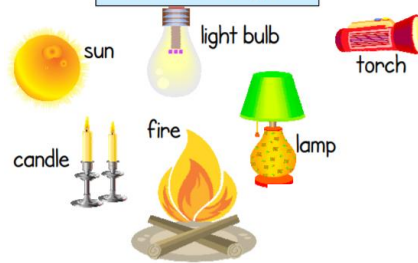
Vocabulary you will know...

Light	A form of energy that travels in a wave from a source.
Light Source	An objects that makes its own light .
Dark	The absence of light .
Reflection	The process where light hits the surface of an object and bounces back into our eyes.
Reflect	To bounce off.
Reflective	A word to describe something which reflects light well.
Shadow	An area of darkness where light has been blocked.
Opaque	Describes objects that do not let any light pass through them.
Translucent	Describes objects that let some light through.
Transparent	Describes objects that let light travel through them easily.



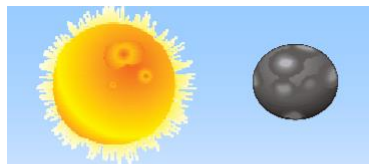
MOTIVATED

Sources of Light



Key Learning

- **Light** travels in straight lines
- **Light** passes through some materials and not others
- **Dark** is the absence of **light**
- A **shadow** is formed when the **light** from a **light source** is blocked by an **opaque** object.
- **Light** from the sun can be dangerous and there are ways we protect our eyes.
- When **light** hits an object, it is **reflected**.
- If the **reflected light** hits our eyes, we can see the object.



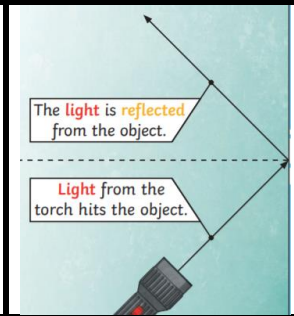
The **sun** is a **source of light**.
The **moon** is not a source of light. We can see it because it **reflects** light from the sun.

PROUD

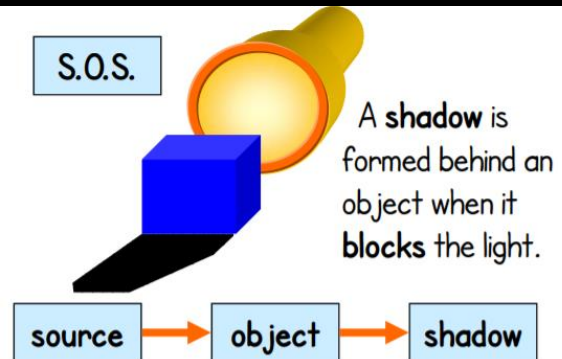
Reflecting



A mirror is highly polished and **reflects** light. We can see **images** of ourselves and other objects in mirrors.



Shadows



Sun Safety

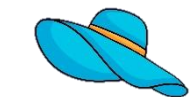
Remember!

It's important to **never** look directly at the sun!

If too much **light** enters the eye it can damage it.

To help protect the eyes, you can wear a hat with a wide brim

And sunglasses with a UV rating.



SUCCESSFUL

MMOTIVATED

PPROUD

SSUCCESSFUL