

Light- Year 3

Key Vocabulary

Dark- the absence of light.

Dim- light that is not bright.

electricity -a form of energy that can be carried by wires and is used for heating and lighting, and to provide power for machines.

Light-a brightness that lets you see things.

Mirror-a flat piece of glass which reflects light, so that when you look at it you can see yourself reflected in it.

Opaque-if an object or substance is opaque, 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.

Torches-a small electric light which is powered by batteries and which you can carry.

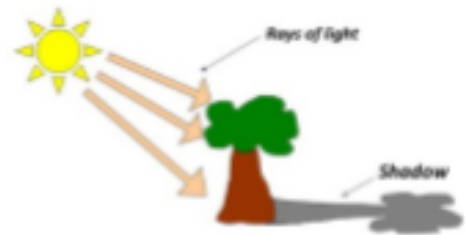
Translucent-if a material is translucent, some light

Key Learning

-To recognise that they need light in order to see things and that dark is the absence of light.

- To notice that light is reflected from surfaces.
- To recognise that light from the sun can be dangerous and that there are ways to protect their eyes.

How are shadows formed?



When **light is blocked** by an opaque object, **a dark shadow is formed**.

The size of a shadow changes as the light source moves. The further away the light

Did you Know??

The Moon is not a source of light! even though we can see it in the dark. This is because the Sun's light reflects on the surface of the Moon making it appear as though the Moon emits light.



Shiny things are not light sources!



They appear to be sources of light as they are bright but they only reflect light.