"Whatever you do, work at it with all your heart"

Colossians 3:23



Light and Shadow

Year 3

Autumn 2

Key Knowledge:



To know that:

⇒ **Light is needed in order to see things and dark is the absence of light.**

⇒ Eyes should be protected from the sun with sunglasses, hats etc.

⇒ Opaque means no light can be transmitted

⇒ Translucent means some light can be transmitted

⇒ Transparent means light can be transmitted, allowing objects behind to be seen

⇒ **Shadows are caused when light is blocked by an opaque object**

⇒ The size of shadows depends on how close the light source is to a subject.

⇒ **Light from the sun can be dangerous**

⇒ Light is a form of energy

⇒ Sun is a light source but the Moon is not (it reflects the light from the Sun).

Key Vocabulary:

Light (something that makes things visible)

Dark (the absence of light)

Shadow (a dark image cast on a surface by an object blocking the source of light)

Light source (e.g. the sun, a bulb, a torch, a candle)

Translucent (letting only some light through)

Opaque (not letting any light pass through)

Transparent (letting light through giving a clear view of the other side)



