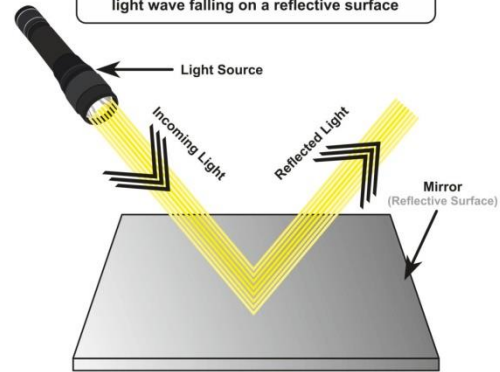


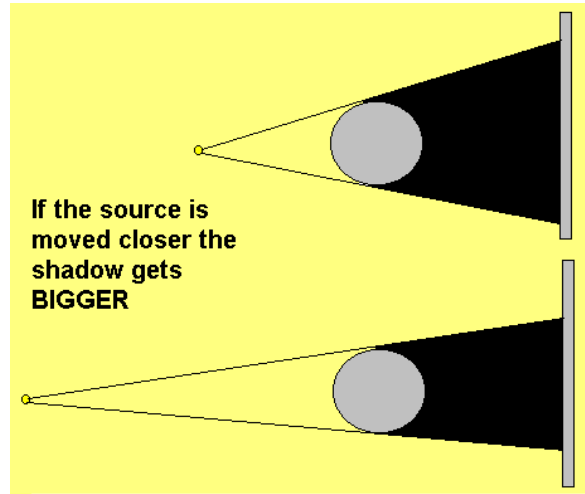
Light

Light Reflection

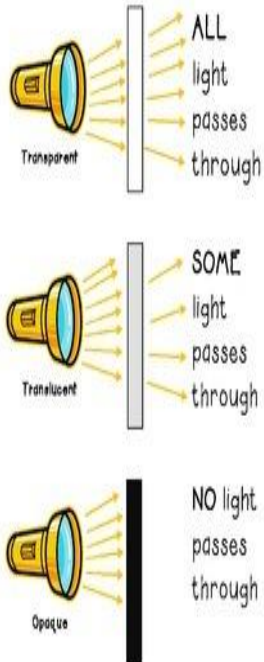
Light reflection is a change in the direction of light wave falling on a reflective surface



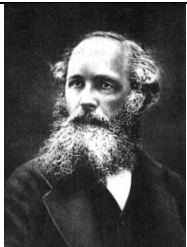

* The reflective surface is smooth and shiny such as glass and mirror



Translucent, Transparent & Opaque



Key Scientists

James Clerk Maxwell (1831-1879)	Thomas Young (1773-1829)
	
Clerk Maxwell worked out that any colour of light could be made by mixing different amounts of blue, green and red light. This theory is the idea behind how colour screens on computers and mobiles work.	Young established the theory that light is composed of waves. Prior to this scientists believed that light was a particle.

Key Vocabulary:

Light - A form of energy that travels in a straight line from a source.

Dark - The absence of light.

Shadow - An area of darkness where light has been blocked.

Light source - An object which produces its own light.

Reflect - When light hits the surface of an object and bounces back to our eye so we can see the object.

Transparent - A material allows light to pass through it.

Translucent - A material which allows some light to pass through it.

Opaque - A material which allows no light to pass through it so you cannot see through it.

Sun - The star at the centre of the solar system. Life on Earth depends on light and heat from the sun.

Words to compare light:

dark, dull, bright, very bright

Comparatives: brighter, duller, darker

Superlatives: brightest, dullest, darkest

Pupil voice: What did you enjoy? What did you learn?
