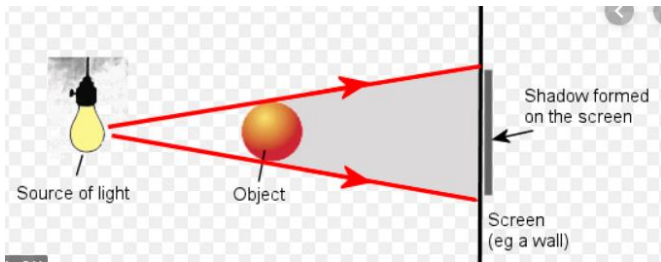
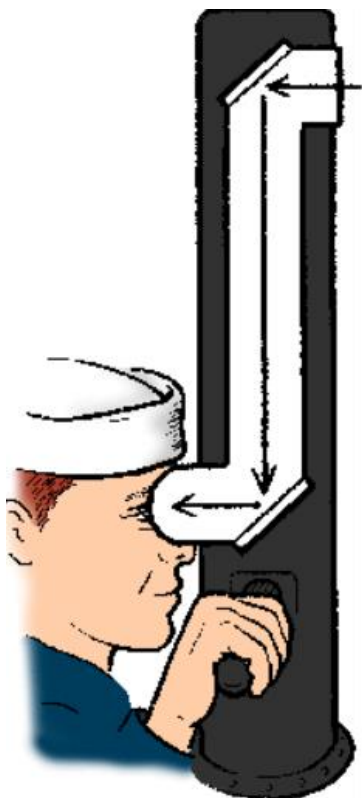
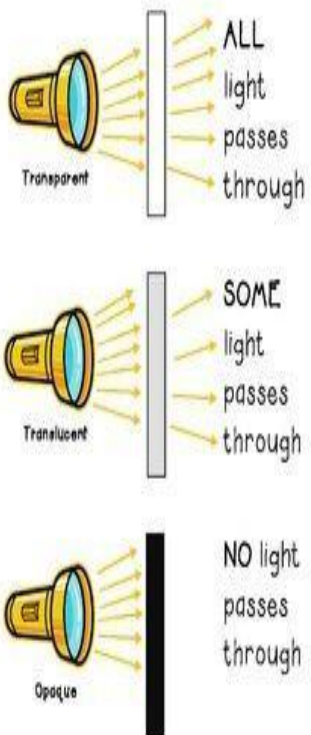


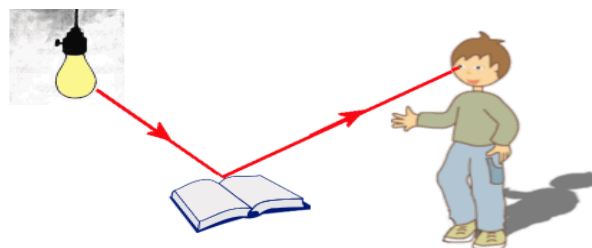
Year 6 Term 2: Light



Translucent, Transparent & Opaque



Vocabulary Dozen	
light	Light is the brightness that lets you see things.
shadow	A shadow is a dark shape on a surface created when something stands between light and that surface.
light source	Light comes from a light source such as the sun, moon, lamps, and fire.
reflection	Reflection is the process where light and heat are sent back from a surface and do not pass through it.
reflecting	Reflecting is the process where light and heat are sent back from a surface and do not pass through it.
source	The source of something is the person, place, or thing which you get it from.
straight	A straight line or edge continues in the same direction and does not bend or curve.
transparent	If an object or substance is transparent, you can see through it.
translucent	If a material is translucent, some light can pass through it.
opaque	If an object of substance is opaque, you cannot see through it.
periscope	A periscope is a vertical tube that allows a user to see objects that are not in the direct line of vision.
angle	An angle is the difference in direction between two lines or surfaces. Angles are measured in degrees.



LIGHT

SUNLIGHT

Sunlight helps us in many ways:

For energy

To help things grow

For warmth

To see things

LIGHT SOURCES

Things that give out light are light sources (luminous objects):

Our Sun and other stars

Candle flame

Electric light bulb

PROPERTIES OF LIGHT

We see most objects because they reflect light from light sources into our eyes.

The speed of light is **300,000,000 metres per second**

Nothing travels faster than light, not even sound.

Light travels in straight lines.