Light

What is light?

Sources of light

- Lightning
- The sun
- Torch
- Light is a type of energy we can see.

Light travels in straight lines.

How we see things.

- Light travels from a source into our eyes.
- Light bounces off objects and reaches our eyes through our pupil.
- Sends signal to the brain to tell us what image is..
- No light= we can't see anything.

Reflection

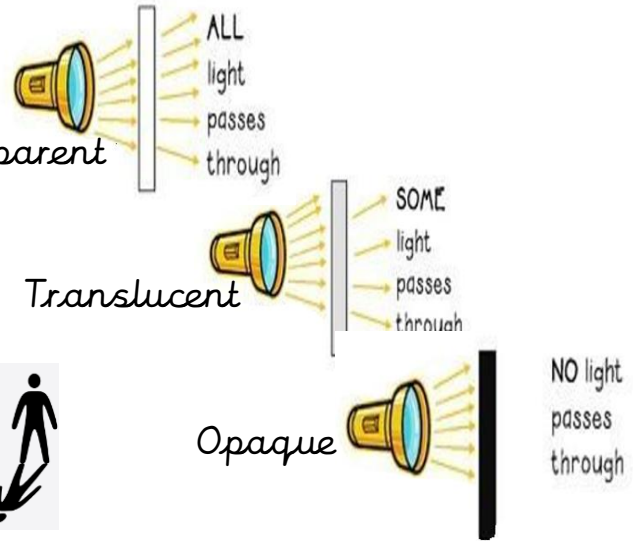
When light bounces off something we say it is reflected.

Periscopes

1. Light hits an object and bounces off.
2. Light then travels through the first window, hits a mirror and bounces off.
3. Then it travels to the second mirror and is reflected off.
4. The light travels out of the viewing window into my eye.

Shadows

Shadows are made when an opaque object blocks light.

They have the same shape as the object that casts them.

- Transparent
- Translucent
- Opaque