



Science Knowledge Organiser

This is physics.
Physics studies
natural matter.

Light

Scientist

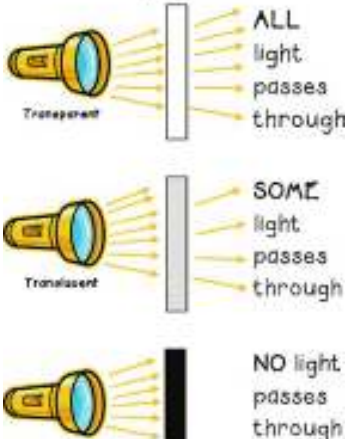


Richard
Turere

Key Vocabulary

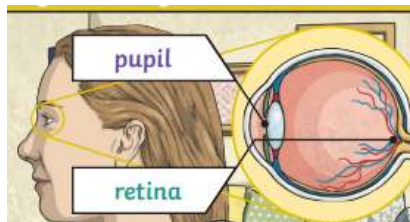
- light
- shiny
- shadow
- mirror
- sunlight
- light source
- matt
- surface
- absorption
- reflection
- transparent
- translucent
- opaque
- pupil
- absence of light

Translucent, Transparent & Opaque



Prior Knowledge

- Identify, name and draw basic parts of the human body and say which sense is associated to each body part.



Key Knowledge

- We need light to be able to see things.
- Light travels in straight lines. When the light hits an object, it bounces off the object.
- If the reflected light hits our eyes, we can see the object.
- Some surfaces and materials reflect light better than others.
- The surfaces that reflect light best are smooth, shiny and flat.
- Mirrors reflect light enough to create a clear image.
- When you look in a mirror, it looks as though an image is reversed.
- A light source is an object that makes its own light.
- A pupil is a part of our eye that allows light to come in.
- The retina is a layer at the back of the eye. It takes the light the eye receives and changes it into a nerve signal to send to the brain.
- A shadow is an area of darkr an opaque object.

