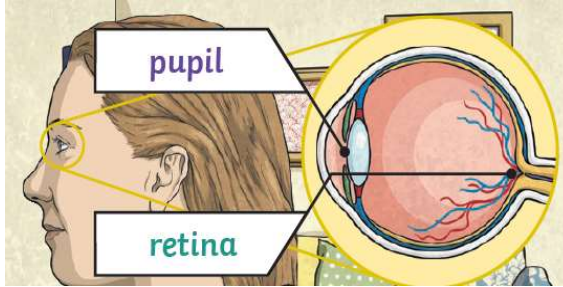


Key Vocabulary

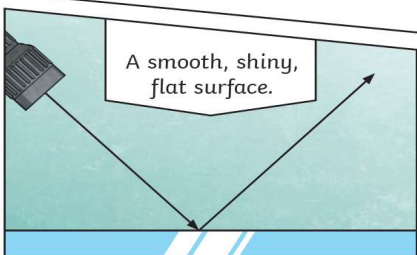
Key Word	Definition
light	a form of energy that travels in straight lines from a source.
light source	An object that makes its own light
dark	Is the absence of light
transparent	Objects that let light travel through them easily. You can see through the object.
translucent	Objects that let some light through, but scatter the light so you can't see through them properly.
florescent	The ability to give off visible light after absorbing ultraviolet light. UV Rays
opaque	An object that does not let light pass through them.
reflect reflective	To bounce off A word to describe something that reflects light well
Shadow	A shadow is created if light cannot get through an object, the surface on the other side creates a shadow.

LKS2 Science Unit Light

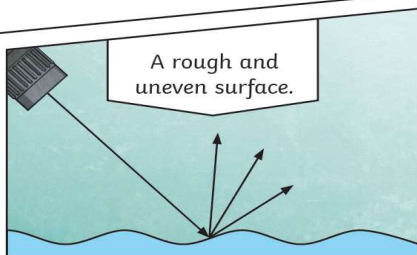
The pupil controls the light entering the eyes. If too much light enters, then it can be **dangerous** and damage the retina. **Protect** your eyes from **sunlight** (Ultra Violet rays) with sunglasses.



The surfaces that reflect **light** best are smooth, shiny and flat.



A smooth, shiny, flat surface.

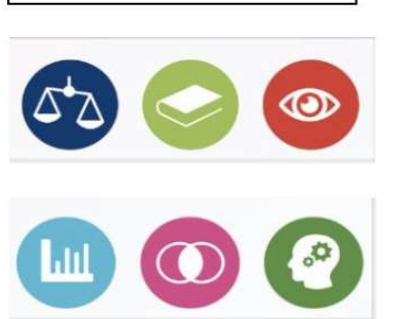


A rough and uneven surface.

Working Scientifically Skills



Science Enquiry



Learning Sequence

Lesson 1

Identify the difference between light sources and non-light sources

Lesson 2

Explore the light that comes from the sun and how to keep safe

Lesson 3

Which materials reflect light?

Lesson 4

Discover how shadows are formed.

Lesson 5

Investigate how shadows change throughout the day

Lesson 6

How can you change the size of a shadow?
Maths: Measure Shadows (mm, cm, m)