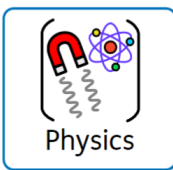


Year 2 Knowledge Organiser - Light

Key Questions



Vocabulary

Key Vocabulary	Definition
Beam	A line of light coming from a light source.
Glare	A harsh uncomfortably bright light.
Transparent	allowing light to pass through so that objects behind can be distinctly seen
Reflect	throw back light without absorbing it
Light source	anything that makes light
Block	make the flow of light difficult or impossible

What is light and how does it travel?

How is light reflected?

How can I keep my eyes safe in the sun?

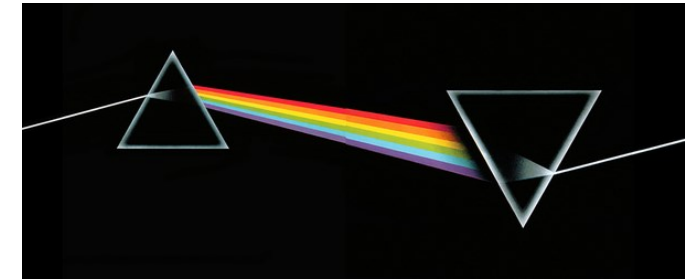
How are shadows formed?

What is colour?

Key Facts
Light travels in straight lines
When light reaches an object, it can be absorbed, or it can pass through the object or it can be reflected. Light can be scattered in all directions.
Light colours reflect more light than darker colours. White objects reflect nearly all light. Black reflects very little light.
Light passes through some materials and not others. Light passes through transparent materials (objects are not 'see through' - light passes through the material). Light passes through translucent materials but the light source is not clear. No light passes through opaque materials.
Light is reflected of an object. The area that the light is therefore unable to reach is called a shadow.



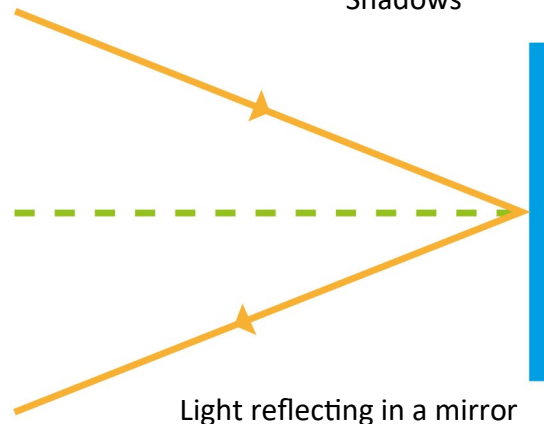
Shadows



Coloured light beams



Light travels in straight lines



Light reflecting in a mirror



Light sources