

Science Year 6 LIGHT

Key Vocabulary:

reflection – changing the direction of light by bouncing it off a surface

electromagnetic spectrum – the rainbow spread of all light colours

periscope – an instrument for looking over a high obstacle to view objects which couldn't otherwise be seen

light source – something which produces its own light

lens - part of the eye which focuses the light rays

prism – a triangular block of glass

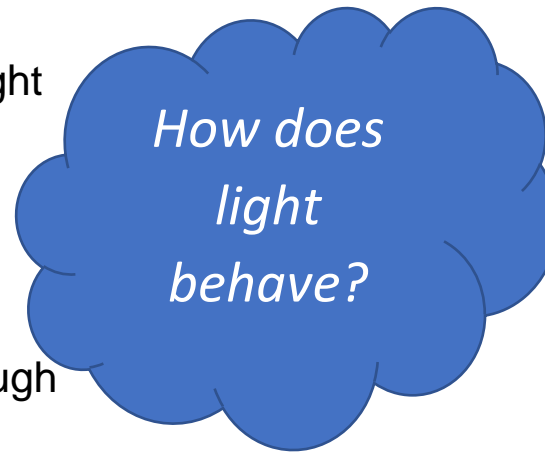
opaque – does not allow light to pass through

refraction – bending the path of light travelling through

transparent - allows light to pass straight through

translucent – some light passes through but is scattered

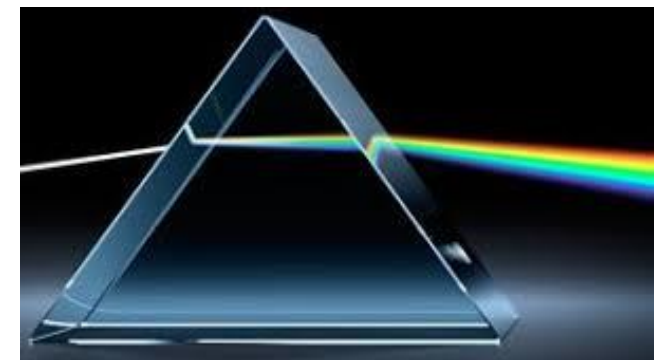
magnify - make bigger



Sir Isaac Newton was a 17th century English scientist who experimented with sunlight and prisms.



Can I change the path of light?
How does our eye work?
How can light be split up?
How can I change a shadow?
Why do we get different colours?
Can I make white light?
Which objects produce their own light?



Prism splitting white light