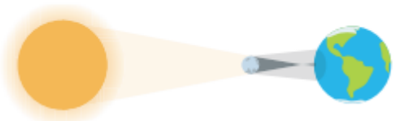
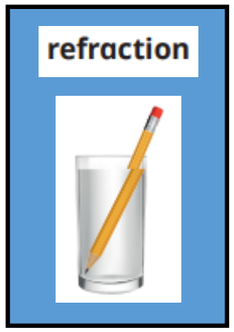
Y6 Science Knowledge Organiser – Light

Vocabulary

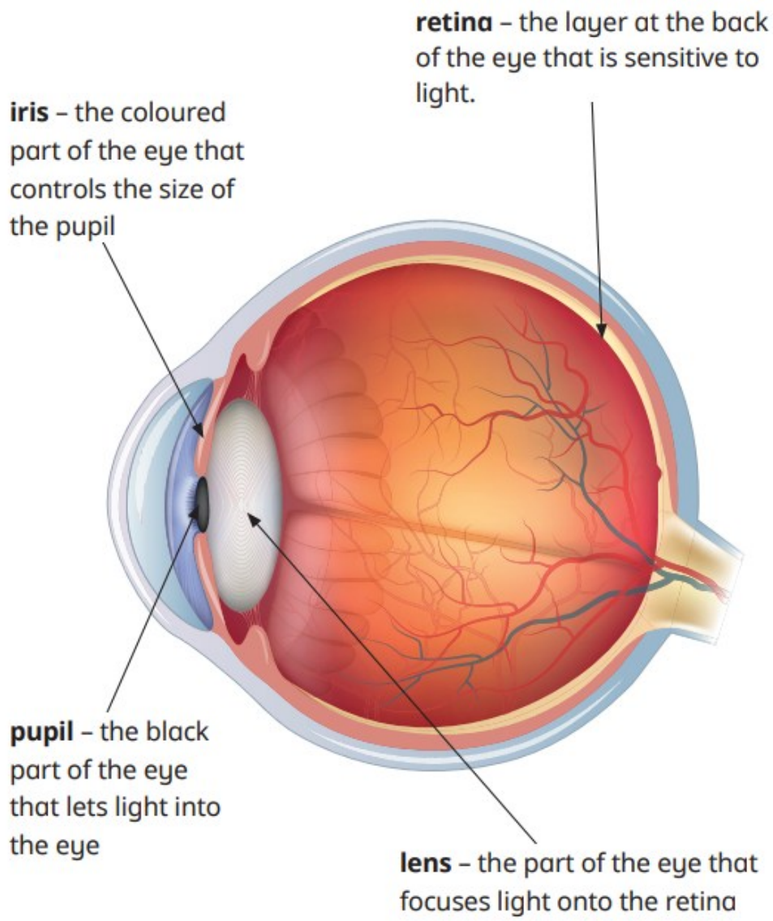
Luminous object	Object that produces light
Angle	Where two lines meet at a point
Periscope	An instrument that uses mirrors to make objects visible around barriers
Refraction	The changing of direction of light when it passes from one medium to another
Medium	Any substance which allows sound or light to pass through it.
Spectrum of Light	The range of colours seen when white light passes through a prism

- **solar eclipse** – when the Moon passes between the Earth and the Sun and blocks the sunlight from reaching the Earth. This casts a shadow of the Moon on the Earth

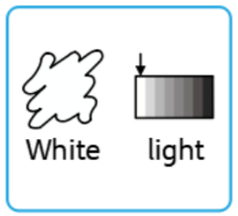




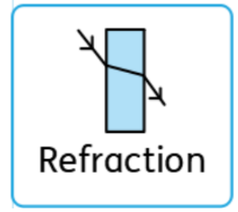
The Eye



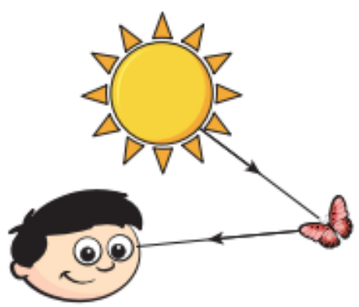








- **ray diagram** – a diagram that shows how light travels



Did you know…

- White light is composed of a mixture of colours.
- Isaac Newton and Ibn al-Haytham discovered that white light is made up of different colours.
- A lens (like in a pair of glasses) refracts lights with it's curved surface.