

## Year 6: Light



Pupil: the small, dark opening in the center of the eye. Light passes through the pupil into the eye.


Refraction: the bending of rays or waves of light, heat, sound when passed from one medium to another such as from air to water.


Iris: the coloured circle around the pupil of the eye. A person with blue eyes has blue irises.


Lens: a clear part of the eye that brings together the rays of light needed for sight. The lens focuses rays of light so that they form an image inside the eye on the retina.


Retina: the part of the eye at the back of the inside of the eyeball. The retina has cells that sense light and colour. Images are formed on the retina and sent to the brain.


Concave: curved inward like the inside of a bowl.

Convex: having a surface or edge that curves outward like the outside of a ball.


Opposite to convex.


Kaleidoscope: a tube with small bits of coloured glass and mirrors inside. The tube is held to the eye and turned to see changing forms.


Reflection: light, or an image that bounces off an object or surface.


Periscope: an instrument on a submarine that is made up of a long tube with mirrors and prisms that allow one to see above the surface

Prism: a solid glass or crystal object that splits a ray of light into the colours of the rainbow.

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