

Vocabulary	Definition
Light	A type of energy that makes it possible for us to see.
Transparent	A property of a material that allows light to travel through it
Opaque	A property of a material that does not allow light through it
Translucent	A property allowing light, but not detailed shapes, to pass through
Refraction	Change in direction of light a ray
Reflection	Light can be reflected when it bounces off a surface, rather than being absorbed
Lens	A curved, refracting surface which changes the light travelling through it
Telescope	An object with a lens to help us see far away things
Microscope	An object with a lens which helps us see very small things
Prism	A wedge shaped object which can split white light into a rainbow spectrum of colours

Science - Light
YEAR 6
Spring 1

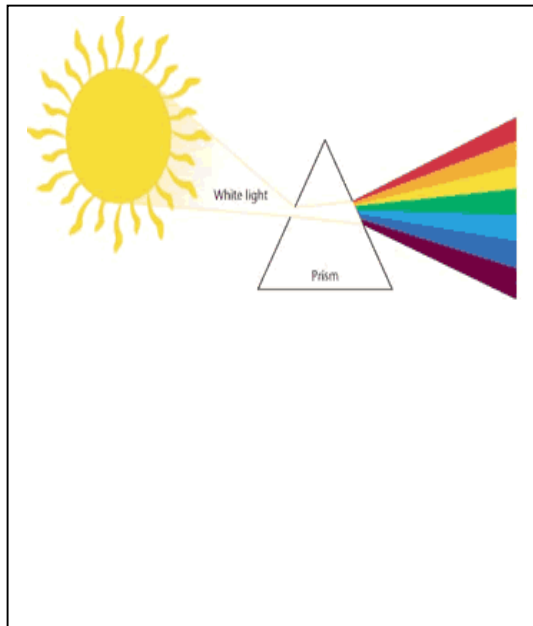


DIAGRAM OF THE EYE

Vocabulary	Definitions
Lens	Focuses light rays on the back of the eyeball.
Optic Nerve	Carries the messages from the eye to the brain
Sclera	The white part of your eye.
Retina	The back part of the eye that contains the cells that respond to light
Cornea	Helps your eye focus as light passes through
Pupil	Lets light enter the eye
Iris	The colourful part of the eye

Concave Mirror	 Concave Mirror	When a mirror is bent inwards – the image looks bigger
Convex Mirror	 Reflection of light on convex mirror	When a mirror is bent outwards – the image looks smaller

Key facts on shadows	
	Shadows occur when an object blocks a light source
	An object that does not let light through is called opaque
	An object that allows light to pass through is called transparent
	An object that lets some light to pass through is called translucent

