

Knowledge Organiser- Science Year 3 – Light

Key Vocabulary	Definition
Light	A type of energy that makes it possible for us to see
Dark	The absence of light
Light Source	Where light comes from
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
Reflect	When light bounces back from a surface
Shadow	A dark area created by an object blocking a light source



Our shadows change in shape and size as the position of the sun changes throughout the day.

Concave		When a mirror is bent inwards, creating a hollow – the image looks bigger
Convex		When a mirror is bent outwards, creating an arch – the image looks smaller

Transparent	Opaque	Reflect
Light can travel through an object or material.	Light cannot travel through an object or material.	Light bounces back from an object or material.