

Topic	Science - Light	Term	Summer	Year Group	3
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Vocabulary	
light	Light is a form of energy which our sense of sight can detect.
light source	A light source is anything that makes its own light.
dark	The absence of light.
reflection	Reflection occurs when a light ray hits a surface and bounces off.
reflect	To send back light, heat or sound from a surface.
reflective	An adjective used to describe a surface that can send back light, heat or sound.
ray	A thin line of light.
shadow	The dark shape that falls on a surface when something is between the surface and a light.
opaque	Describes objects that do not let any light pass through them.
translucent	Describes objects that let some light through.
transparent	Describes objects that let light through them easily, meaning that you can see through the object.

Concepts and Knowledge	
<p>We need light in order to see things and dark is the absence of light.</p>	<p>Sources of Light</p> <p>fireworks, candle, fire, Christmas lights, lantern, Diwali diva, light bulb, stars, neon signs, sun, sparklers, jellyfish, firefly, lighthouse, match, traffic lights, car headlights</p> <p>Knigh Owl Teaching Resources</p>
<p>Light is reflected from surfaces. The surfaces that reflect light best are smooth, shiny and flat.</p>	<p>The surfaces that reflect light best are smooth, shiny and flat.</p> <p>A smooth, shiny, flat surface.</p> <p>A rough and uneven surface.</p>
<p>Light from the sun can be dangerous but there are ways to protect our eyes.</p>	<p>Sun Safety What you wear can protect you</p> <p>Hats to protect the face, ears and neck</p> <p>Sunglasses to protect the eyes. Look for youth-sized sunglasses with at least 99% UV protection</p> <p>Choose cool, comfortable clothing that covers the body for additional protection</p>
<p>Shadows are formed when the light from a light source is blocked by a solid object.</p>	<p>Rays of light</p> <p>Shadow</p>
<p>A shadow is larger when an object is closer to the light source. This is because it blocks more of the light source.</p>	