

Subject: Science

Theme: Light (Y6)

Knowledge	Skills	Vocabulary (Top 20)	Common misconceptions
<p>Recognise that light appears to travel in straight lines.</p> <p>Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye.</p> <p>Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes.</p> <p>Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.</p>	<p>Observe a range on phenomena such as rainbows, colours on soap bubbles, objects looking bent in water and coloured filters.</p> <p>Investigate the relationship between light sources, objects and shadows, using shadow puppets.</p> <p>Investigate which material is the most reflective.</p> <p>Research how to make a periscope, make it and explain how it works using the idea that light appears to travel in straight lines.</p>	<p>beam bounce eye light shadow surface wave light source opaque reflect reflective transparent translucent visible incident ray periscope prism reflected ray refraction spectrum</p>	<p>Some children may think:</p> <ul style="list-style-type: none"> We see objects because light travels from our eyes to the object.



Love



Friendship



Compassion



Community



Trust



Forgiveness

"Let all that you do be done in love." 1 COR 16:24

Do all the good you can.... John Wesley

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