



Science Topic Overview: Light		
Previous linked learning	I think I already know...	I would like to find out...
<p>Year 3:</p> <ul style="list-style-type: none"> - I can recognise that we need light in order to see things and that dark is the absence of light - I can notice that light is reflected from surfaces - I can recognise that light from the sun can be dangerous and that there are ways to protect my eyes - I can recognise that shadows are formed when the light from a light source is blocked by an opaque object - I can find patterns in the way that the size of shadows change 		
<p>Key Vocabulary</p> <p><i>Light source, mirror, reflect, shadow, blocked, transparent, translucent, opaque</i></p> <p>Periscope</p> <p>Object</p>		
<p>By the end of this unit you will be able to....</p> <ul style="list-style-type: none"> - Recognise how light travels - 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 and 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 - Use what I understand about how light travels to create a periscope - Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them - Investigate and collect data to explore 'How does the distance between light source and object effect a shadow?' 		