



Question: How far can I throw my shadow?			
LQ1	What is light?		
LQ 2	What is reflection?		
LQ 3	How do mirrors work?		
LQ 4	How are shadows formed?		
		Sticky Knowledge about Light and Dark	Vocabulary
LQ 5	Why do shadows change?	<input type="checkbox"/> We need light to see things <input type="checkbox"/> Light is an absence of dark	Light, dark, shadow, surface, absence, reflect, eyes, sun, light source, protect, reflections, straight lines, opaque, shadow puppet,
LQ 6	Can you create a shadow puppet show?	<input type="checkbox"/> Light is reflected from surfaces. <input type="checkbox"/> Light travels in straight lines.	
End Product	To make a periscope. Cat's eye experiment	<input type="checkbox"/> Light from the sun can be dangerous <input type="checkbox"/> There are ways to protect our eyes from the sun.	
Links to topics	Y1- light and dark Y6- Light-	<input type="checkbox"/> To find patterns in the way that the size of shadows change.	
Cross-Curricular links	PHSE-Why are people afraid of things? DT-Periscope.	<input type="checkbox"/> Shadows are formed when the light from a light source is blocked by a solid object. <input type="checkbox"/> Shadows change in size throughout the day. <input type="checkbox"/> When light is blocked by an opaque object, the shape of the shadow is the same as the object.	
Character Links:	Trial and error, investigating,		