



What? (Key knowledge)	
Light Sources	
We need light in order to see things. When there is no light we say it is dark.	
What is a light source?	A light source is something that makes its own light
More about light	
Things to know about light.	Light travels in straight lines.
	Light travels very, very fast - 186,282 miles per second. (that's like travelling around the world over 7 times in a second).
	If something gets in the way of light, a shadow is formed.
Shadows	
How is a shadow formed?	When light from a source is blocked by an opaque object, you get a shadow.
How does the size of a shadow change?	If an object is moved closer to the light sources, the shadow gets bigger . If an object is moved further away from the light source, the shadow gets smaller .

What? (Key vocabulary)	
Spelling	Definition/sentence
shadow	A shadow is a dark area where light from a light source is blocked by an opaque object.
refraction	When light travels from air into water, it slows down, causing it to change direction slightly. This change of direction is called refraction.

Diagrams and symbols
<p>Light</p> <p>Light travels directly from the light source (candle flame) to the eye</p>
<p>Here the light goes from the light source, bounces off the object and into your eyes, so that you see the object.</p>