
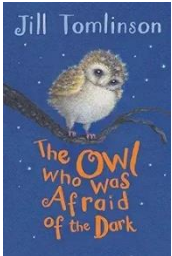



Light



What should I already know?	What will I know at the end of the unit?
<ul style="list-style-type: none"> I know that certain things produce light, usually by burning (e.g. the sun) or electricity (e.g. streetlights). I know that shadows are caused when certain materials block light. I know I use my eyes to see things. 	<ul style="list-style-type: none"> I can recognise that I need light 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.

Vocabulary	
light reflect vitamin d ultraviolet rays fluorescent high visibility	shadow ray cast position shape puppet

Recommended Reads	Inventor/ Scientist
 	<p>Michael "Mike" Linley (born 1952) is an English herpetologist, entomologist, producer, and wildlife consultant.</p> <p>He teaches us how light affects the activity of living organisms.</p> 

Suggested Investigations
Which materials are reflective? How are shadows formed? Why do shadows change throughout the day? How can you change the size of a shadow?