



Subject Specific Vocabulary	
light	A form of energy that allows visibility.
darkness	The absence of light.
opaque	An object that does not allow light to be passed through.
light source	A thing whose purpose is to produce light.
reflect	When light bounces off an object.
shadow	When travelling light is blocked by an opaque object it creates a shadow.

Image	Sticky knowledge
	Light is needed in order to see things. You can see because your eyes take in light from whatever you're looking at. Darkness is when there is no light.
	Light sources include the sun, candles, or torch. Non-light sources include the moon, planets or mirrors.
	Some objects seem bright but are only reflecting light from elsewhere. Reflecting means light bouncing off an object and not being absorbed.
	A shadow will be formed if an opaque material blocks the light from travelling. Shadows can change size.
	Light from the sun can damage our eyes. You can protect your eyes by wearing dark glasses or a sunhat/cap when you're out in bright sun light.

Aspirational Scientist:



Lene Hau is a Danish physicist who In 1999, she led a Harvard University team who succeeded in slowing a beam of light to about 17 metres per second, and, in 2001, was able to stop a beam completely.

Working Scientifically

