

Science—Year 3—Light

Key Knowledge

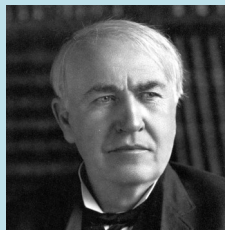
- We need light in order to see things
- Dark is the absence of light.
- The sun, a torch, lit candles and fire are light sources.
- The moon, bicycle reflectors, mirrors and shiny paper are not light sources. They reflect light.
- Smoother surfaces tend to appear shiny and reflect more light where as rough surfaces are dull and do not reflect as much light.
- Light from the sun can be dangerous and you should never look at it directly.
- Shadows are formed when the light from a light source is blocked by a solid object.
- A shadow is always formed on the opposite side of the light source
- The closer the light source is to an object the bigger the shadow will be.

Key People

Humphry Davy (1778 1829) In 1802 he invented the first electric light. When he connected wires to his battery and a piece of carbon, the carbon glowed, producing light.



Thomas Alva Edison (1847 – 1931) was an American inventor and businessman who has been described as America's greatest inventor. He invented the long-lasting, practical electric light bulb. 1879



Vocabulary



light	mirror	natural
light source	shadow	artificial
names of light sources e.g. torch	block	shadow
dark/darkness	direct/direction	
reflect	transparent	
reflective	opaque	
	translucent	

Edison's light bulb

