

# Forton's Fundamental Facts – Science

## Topic – Light

## Autumn 2 – Light (Year 3 & 4)

### Enquiry -

### Key Vocabulary

How does light travel?  
How are shadows formed?  
How do shadows change in size and shape?

Light	A form of energy that travels in a wave from a source.
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### Investigation -

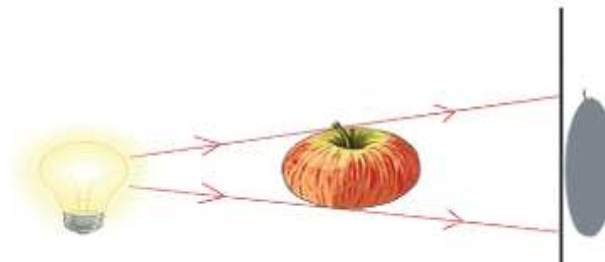
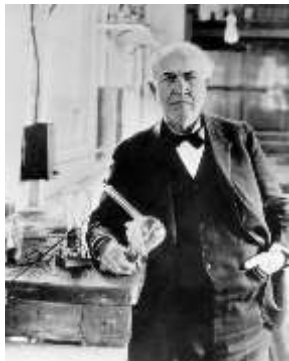
Light source	An object that makes its own light.
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Dark	Darkness is the absence of light.
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### Focus Scientist – Thomas Edison

### Diagram

Reflection	The process where light hits the surface of an object and bounces back into our eyes.
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Reflect	To bounce off.
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Reflective	A word to describe something which reflects light well.
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Ray	Waves of light are called light rays. They can also be called beams.
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Pupil	The black part of the eye which lets light in.
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Retina	A layer at the very back of the eye which takes the light the eye receives. It then changes it into nerve signals to send to the brain.
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Shadow	An area of darkness where the light has been blocked.
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Opaque	Describes objects that do not let any light pass through them.
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Translucent	Describes objects that let some light through but scatter the light so we can't see through them properly.
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Transparent	Describes objects that let light travel through them easily, meaning that you can see through the object.
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