



Pre-visit Information

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Introduction

Thank you for booking Light & Sound. The pre-show material has been designed to help familiarise your class with some of the activities they will experience.

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Curriculum links

Developing Thinking



Developing Communication



How Things Work

- How different sounds are produced and the way that sound travels.
- How light travels and how this can be used.

Light & Sound True or False?

Light can travel through space	Light can go around corners	Light can only travel in straight lines
Light can travel through water	Light is always around us - like air	When light bounces back off a surface we call it reflection
Ultra-violet light comes from the Sun	We use sun cream to keep us cool	Light can travel through solids
You can hear sound in space	Sound can travel through liquids	When sound bounces back off a surface we call it reflection

Light & Sound

True or False?

Answers

Light can travel through space.

True.

Light can go around corners.

Light travels in straight lines - you could reflect it from a mirror to make it go around a corner.

Light can only travel in straight lines.

True.

Light can travel through water.

True.

Light is always around us - like air.

False - light comes from a source.

When light bounces back off a surface we call it reflection.

True.

Ultra-violet light comes from the Sun.

True.

We use sun cream to keep us cool.

False - we use sun cream to protect our skin from ultraviolet light.

Light can travel through solids.

Light can only travel through transparent and translucent solids.

You can hear sound in space.

False - sound needs a medium to travel through; there is no air in space.

Sound can travel through liquids.

True.

When sound bounces back off a surface we call it reflection.

False - it's usually called an echo.

The 'pitch' of a sound means how loud it is.

False - the 'pitch' means how high or low the sound is.

Sounds can travel through solids e.g. wood.

True.

The 'pitch' of a sound means how high or low it is.

True.