

	EYFS		KS1	LKS2
	Nursery and Reception		Year 1 and Year 2	Year 3 and Year 4
	3 - 4-year-olds	Reception	Blue = Year A Purple = Year B	Blue = Year A Purple = Year B
<p>Light</p> <p>Working scientifically</p>				<p>Identifying differences, similarities or changes related to simple scientific ideas and processes.</p> <p>Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts and tables.</p> <p>Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions.</p> <p>Asking relevant questions and using different types of scientific enquiries to answer them.</p> <p>Setting up simple practical enquiries, comparative and fair tests.</p> <p>Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.</p>

Light

Vocabulary

Recognise that we need light in order to see things and that dark is the absence of light.

Notice that light is reflected from surfaces.

Recognise that light from the sun can be dangerous and that there are ways to protect their eyes.

Recognise that shadows are formed when the light from a light source is blocked by an opaque object.

Find patterns in the way that the size of shadows change.

				<p>Talk like Alhazen</p> <p>Reflection, light source, translucent, transparent, opaque, absorb, nocturnal, shadows, absorption, natural, man-made, straight line, travels.</p>
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