

Year 3 Light and Shadows

Prior learning: Year 1 Seasonal Changes

Words I need to know for this topic:		By the end of this topic I should know how:
Light source	Something that makes light, natural or artificial	To recognise that they need light in order to see things and that dark is the absence of light To notice that light is reflected from surfaces To recognise that light from the sun can be dangerous and that there are ways to protect their eyes To recognise that shadows are formed when the light from a light source is blocked by a solid object To find patterns in the way that the sizes of shadows change
Shadow	A dark area produced when something comes between a light source and a surface	
Opaque	An object that does not let light pass through	
Translucent	An object which allows some light to pass through	
Transparent	An object which allows all light to pass through	
Reflect	When a surface or object does not absorb light and sends it back	By the end of this topic I should be able: To make decisions, ask relevant questions and use different types of scientific enquiries to answer them To set up simple practical enquiries, comparative and fair tests To make systematic and careful observations using notes and simple tables To record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables To report on findings from enquiries, using relevant scientific language, including oral and written explanations, displays or presentations of results and conclusions To use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions To identify differences, patterns, similarities or changes related to simple scientific ideas and processes To use a sketchbook to collect and develop ideas from a range of sources
Our Scientist is:		Anything else interesting I have learned:
Future learning: Year 6 Light		

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