


The Marist Primary School	Knowledge Organiser	
Year 3 Autumn: Science	Key Question : <b>How does light effect our daily lives?</b>	

Builds on and leads to...	Enquiry / Skills	
Leads to recognising that light appears to travel in straight lines; understanding how our eyes see light and why shadows have the same shape as the objects that cast them.	<ul style="list-style-type: none"> <li>Ask relevant questions and use different types of scientific enquiries to answer them</li> <li>Set up simple practical enquiries and fair tests</li> <li>Making careful observations</li> <li>reporting on findings from fair tests</li> <li>using results to draw simple conclusions</li> </ul>	
What will I know by the end of the unit?	Vocabulary	End of Unit Assessment Task
<ul style="list-style-type: none"> <li>recognise that we need light in order to see things and that dark is the absence of light</li> <li>notice that light is reflected from surfaces</li> <li>recognise that light from the sun can be dangerous and that there are ways to protect our eyes</li> <li>recognise that shadows are formed when the light from a light source is blocked by an opaque object</li> <li>find patterns in the way that the size of shadows change</li> </ul>	<b>Light</b>	Light is a form of energy that helps us to see.
	<b>Dark</b>	Dark is the absence of light.
	<b>Absence</b>	Absence is when something is missing or not there.
	<b>Light source</b>	A light source is anything that makes light.
	<b>Reflection</b>	Reflect means to bounce back without absorbing it.
	<b>Shadow</b>	Shadows are formed when light from a source is blocked.
	<b>Opaque</b>	Opaque objects <u>do not let light pass</u> through them and you cannot see through them.
	<b>Translucent</b>	Translucent objects <u>let some light pass</u> through and you cannot see clearly through them.
	<b>Transparent</b>	Transparent objects <u>let light pass</u> through them and you can see through them clearly.
<b>End of Unit Assessment Task</b>		
		<ul style="list-style-type: none"> <li>To make observations and draw conclusions on the effects of light on our coloured paper in the window.</li> </ul>

### Diagrams / Maps / Images

