



Science Curriculum Overview: Working Scientifically

**YEAR 6**

*These objectives should be covered repetitively throughout each topic – not as an isolated topic.*

<b>Planning, communication and sources</b>	
	<ul style="list-style-type: none"><li>• Choose scales for graphs which show data and features effectively</li></ul>
	<ul style="list-style-type: none"><li>• Identify measurements and observations which do not fit into the main pattern</li></ul>
	<ul style="list-style-type: none"><li>• Begin to explain anomalous data</li></ul>
	<ul style="list-style-type: none"><li>• Use appropriate ways to communicate quantitative data using scientific language</li></ul>

<b>Enquiring, testing, obtaining and presenting evidence</b>	
	<ul style="list-style-type: none"><li>• Describe evidence for a scientific idea</li></ul>
	<ul style="list-style-type: none"><li>• Use scientific knowledge to identify an approach for an investigation</li></ul>
	<ul style="list-style-type: none"><li>• Explain how the interpretation leads to new ideas</li></ul>

<b>Observing and recording</b>	
	<ul style="list-style-type: none"><li>• Measure quantities with precision using fine – scale divisions</li></ul>
	<ul style="list-style-type: none"><li>• Select and use information effectively</li></ul>
	<ul style="list-style-type: none"><li>• Make enough measurements or observations for the required task</li></ul>

<b>Considering evidence and evaluating</b>	
	<ul style="list-style-type: none"><li>• Make reasoned suggestions on how to improve working methods</li></ul>
	<ul style="list-style-type: none"><li>• Show how interpretation of evidence leads to new ideas</li></ul>
	<ul style="list-style-type: none"><li>• Explain conclusions, showing understanding of scientific ideas</li></ul>