

	EYFS	Year 1	Year 2
	The statements in red are the Working Scientifically objectives as stated in the National Curriculum. The black statements break down each objective in to smaller steps and show progression between year groups.		
Plan	<p>Explore during their play and repeat an action/test making it obvious they are try to find something out and see if it always results in the same result.</p> <p>Recognises when a simple comparison is unfair.</p>	<p>Ask simple questions and recognising that they can be answered in different ways.</p> <p>I can explore the world around me using my senses.</p> <p>I can ask simple questions confidently.</p> <p>I can with help begin to choose ways to try and answer a question</p> <p>I can with support take a few guided planning decisions with 2 choices provided by my teacher.</p> <p>I can explore a variety of ways to collect data.</p>	<p>Ask simple questions and recognising that they can be answered in different ways.</p> <p>I can confidently ask simple questions and recognise they can be answered in different ways.</p> <p>I can with help choose ways to try and answer a question.</p> <p>I can with support suggest ideas to carry out an investigation.</p> <p>I can make own decision on how to collect data once data needed has been outlined.</p> <p>I can make a simple prediction.</p>

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Do</p>	<p>Observe closely using all of their senses as appropriate.</p> <p>During their play, repeat an action/test making it obvious they are trying to find something out and see if it always results in the same result.</p> <p>Compare 2 things by direct observation.</p>	<p>Observe closely, using simple equipment.</p> <p>Perform simple tests.</p> <p>Identifying and classifying</p> <p>I can make relevant observations related to the task or test</p> <p>I can use simple equipment provided.</p> <p>I can measure using uniform non-standard units (eg straws) or simple standard units and measuring equipment</p> <p>I can observe and copy a teacher led test.</p> <p>I can carry out a test from 2 given choices of variables.</p>	<p>Observe closely, using simple equipment.</p> <p>Perform simple tests.</p> <p>Identifying and classifying</p> <p>I can use simple equipment provided.</p> <p>I can make observations related to the task or test using appropriate equipment.</p> <p>I can measure using simple standard units eg.ml,g etc</p> <p>I can select equipment and variables to carry out a simple test with support.</p> <p>I can sort things and record their groupings in venn and carroll diagrams.</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Record</p>	<p>Drawing of pictures, recording of comments using video, audio recorders etc</p>	<p>Gather and record data to help in answering questions.</p> <p>I can draw pictures of results/take photos.</p> <p>I can help my teacher make a class table or chart.</p> <p>I can make practical block graphs /pictograms/ Venn diagrams.</p> <p>I can put data into a table template with support.</p>	<p>Gather and record data to help in answering questions.</p> <p>I can draw pictures of results/take photos.</p> <p>I can help the teacher make class table or chart.</p> <p>I can increasingly complete a simple chart or 2 column table.</p> <p>I can with support make a venn or carroll diagram.</p> <p>I can make/draw block graph with 1:1 scale.</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Review</p>	<p>Make comparisons.</p> <p>Say what happened.</p> <p>Order results (first,second, third)</p> <p>Spot similarities and differences</p>	<p>Use their observations and ideas to suggest answers to questions.</p> <p>I can spot and describe similarities and differences</p> <p>I can use observations to describe what has changed.</p> <p>I can say whether what happened is what I expected.</p>	<p>Use their observations and ideas to suggest answers to questions.</p> <p>I can describe observations.</p> <p>I can respond to prompts to describe what has happened in more detail.</p> <p>I can say whether what happened is what I expected.</p> <p>I can use my observations and ideas to suggest answers to questions.</p>

