

Science - Skills			
	Key Stage One	Years 3 and 4	Years 5 and 6
Scientific Attitudes			<p>Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate</p> <p>Reporting and presenting findings from enquiries, including conclusions</p> <p>Identifying scientific evidence that has been used to support and refute ideas or arguments</p>
Experiential Skills and Investigations	<p>Asking simple questions and recognising that they can be answered in different ways</p> <p>Observing closely, using simple equipment</p> <p>Performing simple tests</p> <p>Gathering and recording data 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>Making systematic and careful observations and, where appropriate, taking accurate measurements using a range of equipment.</p> <p>Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions</p> <p>Recording findings using simple scientific language, drawings, labelled diagrams, keys, graphs (see maths curriculum) and tables</p>	<p>Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.</p> <p>Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings where appropriate.</p> <p>Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables and graphs (see maths curriculum)</p>
Analysis and Evaluation	<p>Using their observations and ideas to suggest answers to questions.</p>	<p>Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.</p> <p>Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.</p> <p>Identifying differences, similarities or changes related to simple scientific ideas and processes.</p> <p>Using straightforward scientific evidence to answer questions or to support their findings.</p>	<p>Using test results to make predictions to set up further comparative and fair tests.</p> <p>Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of a degree of trust in results, in both oral and written form.</p> <p>Identifying scientific evidence that have been used to support or refute ideas or arguments</p>

Measurement		Make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment.	Solve problems involving the calculation and conversion of units of measure (in line with the age-related maths curriculum) Use, read, write and convert between standard units of measure for length, mass, volume and time.
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