

## SCIENCE PROGRESSION MAP

	EYFS	KS1	LKS2	UKS2
<b>WORKING SCIENTIFICALLY</b> Questioning/Predicting		Pupils should be taught to:  -Ask simple questions and recognise that they can be answered in different ways	Pupils should be taught to:  -Ask relevant questions and use different types of scientific enquiries to answer them  -Set up simple practical enquiries, comparative and fair tests	Pupils should be taught to:  -Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
<b>WORKING SCIENTIFICALLY</b> Measuring and Recording		Pupils should be taught to:  -Observe closely, using simple equipment  -Perform simple tests -Gather and record data to help in answering questions	Pupils should be taught to:  -Make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment, including thermometers and data loggers	Pupils should be taught to:  -Take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate  -Record data and results of increasing complexity using

			<p>-Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables</p> <p>-Gather, record, classify and present data in a variety of ways to help in answering questions</p>	<p>scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs</p>
<p><b>WORKING SCIENTIFICALLY</b> Concluding</p>		<p><b>Pupils should be taught to:</b></p> <p>-Identify and classify</p> <p>-Use their observations and ideas to suggest answers to questions</p>	<p><b>Pupils should be taught to:</b></p> <p>-Identify differences, similarities or changes related to simple scientific ideas and processes</p> <p>-Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions</p> <p>-Use straightforward scientific evidence to</p>	<p><b>Pupils should be taught to:</b></p> <p>-Identify scientific evidence that has been used to support or refute ideas or arguments</p> <p>-Report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as</p>

			answer questions or to support their findings	displays and other presentations
WORKING SCIENTIFICALLY Evaluating			<p><b>Pupils should be taught to:</b></p> <p>-Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions</p>	<p><b>Pupils should be taught to:</b></p> <p>-Use test results to make predictions to set up further comparative and fair tests</p>