



Forton Primary School Scientific Enquiry End Points

INTENT	<i>To develop inquisitive children who are excited about investigating with curiosity, "How can scientific enquiry explain the world?" Exploring answers by gathering and analysing evidence.</i>		
Pupils are enabled to ...	Enquire, record and report, developing and evaluating explanations through experimental evidence.		
EYFS	Key Stage 1	Lower Key Stage 2	Upper Key Stage 2
<ul style="list-style-type: none"> • They answer ‘how’ and ‘why’ questions about their experiences and in response to stories or events. • They develop their own narratives and explanations by connecting ideas or events. • Children know about similarities and differences in relation to places, objects, materials and living things. • They make observations of animals and plants and explain why some things occur, and talk about changes. 	<ul style="list-style-type: none"> • Ask simple questions. • Observe closely, using simple equipment. Perform simple tests • Use observations and ideas to suggest answers to questions. • Gather and record data. 	<ul style="list-style-type: none"> • Ask relevant questions. • Set up simple, practical enquiries and comparative and fair tests. • Make accurate measurements using standard units, using a range of equipment. • Gather, record, classify and present data in a variety of ways. • Record findings using simple scientific language, drawings, labelled diagrams, bar charts and tables. • Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions. • Use results to draw simple conclusions 	<ul style="list-style-type: none"> • Plan enquiries, including recognising and controlling variables where necessary. • Use appropriate techniques, apparatus, and materials during fieldwork and laboratory work. • Take measurements, using a range of scientific equipment, with increasing accuracy and precision. • Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models. • Report findings from enquiries, including oral and written explanations of results, explanations involving causal relationships, and conclusions.



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