



Planning & Predicting

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world.	<p>Can ask simple questions</p> <p>Recognises that questions can be answered in different ways</p>	<p>Sets up simple practical enquiries, including comparative and fair tests</p> <p>Sets up simple practical enquiries, including fair tests</p> <p>Uses results to draw simple conclusions and make predictions for new values</p>		<p>Chooses the most appropriate type of scientific enquiries to answer questions.</p> <p>Recognises and controls variables in a fair test when necessary</p> <p>Uses test results to make predictions to set up further comparative and fair tests</p>	

Observing & Measuring

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
<p>Can talk about some of the things they have observed such as plants, animals, natural and found objects.</p> <p>Develop an understanding of growth, decay and changes over time.</p> <p>Can look closely at similarities, differences, patterns and change.</p>	<p>Observes closely, using simple equipment (e.g. magnifier)</p> <p>Performs simple tests</p> <p>Identifies and classifies natural and man-made objects</p>	<p>Makes systematic and careful observations</p> <p>Where appropriate, takes accurate measurements using standard units, using a range of equipment, including thermometers and data loggers</p> <p>Identifies differences, similarities or changes related to simple scientific ideas and processes</p>		<p>Takes measurements, using a range of scientific equipment, with increasing accuracy and precision.</p> <p>Takes measurements, taking repeat readings when appropriate</p> <p>Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of results, in oral and written forms such as displays and other presentations</p> <p>Reporting and presenting findings from enquiries, including degree of trust in results, in oral and written forms such as displays and other presentations</p>	



Concluding & Evaluating

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
<p>Can talk about similarities and differences in relation to objects, materials and living things.</p> <p>Can explain why some things occur, how things work and talk about changes.</p>	<p>Gathers and records data in words and drawings to help answer questions.</p> <p>Uses their observations and ideas to suggest answers to questions</p>	<p>Using straightforward scientific evidence to answer questions or to support their findings</p> <p>Using results to suggest improvements and raise further questions</p> <p>Reports on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions</p> <p>Records findings using keys, bar charts, and tables</p> <p>Records findings using simple scientific language, drawings and labelled diagrams.</p> <p>Chooses the most appropriate method of recording, classifying and presenting data to help in answering questions.</p>		<p>Records data and results of increasing complexity using scientific diagrams and labels, and classification keys.</p> <p>Presents data in the appropriate form, including tables, scatter graphs, bar and line graphs.</p> <p>Identifies scientific evidence that has been used to support or refute ideas or arguments.</p>	