#### Lower Key Stage 2—Year 3

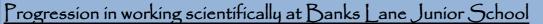
KEY VOCABULARY: gradually, identify, observe, recognise, investigate, record, units, table, fair, evidence, research, length, observations, prediction.



Lower Key Stage 2—Year 4.

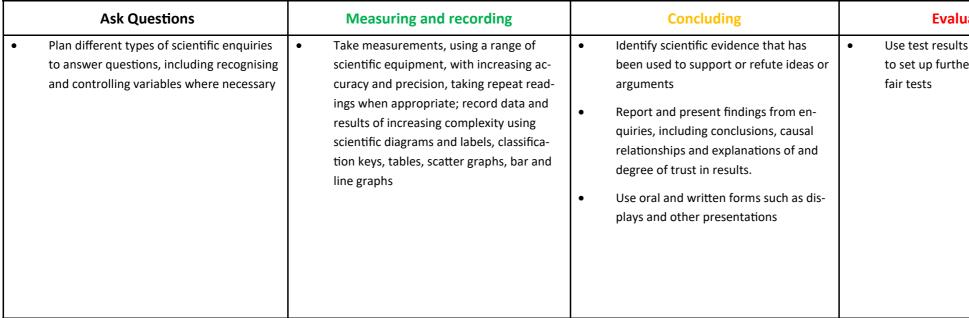
**KEY VOCABULARY:** similarities, differences. research and source scientists, discovery, process, cycle, measurements, conclude, evaluate, rank, plan, vary, constant, bar graph, table, tally.

Ask Questions	Measuring and recording	Concluding	Evalua
<ul> <li>Ask relevant questions and use different types of scientific enquiries to answer them.</li> <li>Set up simple practical enquiries.</li> <li>Set up comparative and fair tests.</li> </ul>	<ul> <li>Make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment, including ther- mometers and data loggers</li> </ul>	<ul> <li>Identify differences, similarities or changes related to simple scientific ideas and processes</li> <li>Report on findings from enquiries, in-</li> </ul>	<ul> <li>Use results to dra sions, make pred ues, suggest imp further questions</li> </ul>
	<ul> <li>Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables</li> </ul>	cluding oral and written explanations, displays or presentations of results and conclusions	
	<ul> <li>Gather, record, classify and present data in a variety of ways to help in answering questions</li> </ul>	Use straightforward scientific evidence to answer questions or to support their findings	



Aims of teaching children to work scientifically at BLJS:

- To equip children with the skills and knowledge to go on the scientific pursuit of answering the why, how and what if questions they pose. To nurture their natural curiosity and ensure it is not lost as they progress through school and grow older.
- To equip them with the scientific knowledge required to understand the uses and implications of science, today and for the future.



### Upper KS2. Year 6

**KEY VOCABULARY:** hypothesis, variable, constants, evaluate, plan, conclude, interpret, classify, categorise, database enquiry, control, repeat, support, refute, degree of trust, scatter graph.

## Upper KS2 Year 5

KEY VOCABULARY: classify, interpret, pattern, relationship prediction, analyse, conclude, evaluate, rank, variable, constants, control, repeat, key relationship, line graph.



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# **Evaluating**

Use test results to make predictions to set up further comparative and