

# Bishop Henderson Science Yearly Overview

KS1							
	Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year A	Theme	<b>Animals including Humans</b> (Focus on bodies and health)	<b>Plants</b> (Focus on needs of plants and growth)	<b>Living things and their habitats</b> (Focus on food chains)	<b>Everyday materials</b> (Focus on uses of materials including building)	<b>Seasonal changes</b>	<b>Animals including humans</b> (Focus on wild animals/fish)
Year B		<b>Living things and their habitats</b> (Focus on habitats)	<b>Plants</b> (Focus on parts of flowering plants and trees)	<b>Seasonal changes</b>	<b>Everyday Materials</b> (Focus on comparing materials)	<b>Animals including humans</b> (Focus on pets)	<b>Uses of everyday materials</b> (Focus on change)
<b>Working scientifically Years 1 &amp; 2</b>	<ul style="list-style-type: none"> <li>• asking simple questions and recognising that they can be answered in different ways</li> <li>• observing closely, using simple equipment</li> <li>• performing simple tests</li> <li>• identifying and classifying</li> <li>• using their observations and ideas to suggest answers to questions</li> <li>• gathering and recording data to help in answering questions</li> </ul>						
KS2							
Year	Theme	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
3		Plants	Animals including humans	Rocks & States of matter (intro)	Earth & Space (Seasons recap)	Forces and Electricity	Light & Sound
4		Living things and their habitats	Animals, including humans	Rocks & States of matter	Earth & Space (Seasons recap)	Forces and Electricity	Light & Sound
<b>Working scientifically Year 4 &amp; 5</b>	<ul style="list-style-type: none"> <li>• asking relevant questions and using different types of scientific enquiries to answer them</li> <li>• setting up simple practical enquiries, comparative and fair tests</li> <li>• making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers</li> <li>• gathering, recording, classifying and presenting data in a variety of ways to help in answering questions</li> <li>• recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables</li> <li>• reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions</li> <li>• using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions</li> <li>• identifying differences, similarities or changes related to simple scientific ideas and processes</li> <li>• using straightforward scientific evidence to answer questions or to support their findings.</li> </ul>						

5		Living things and their habitats	Animals, including humans	Rocks & Properties and changes of materials	Earth and space	Forces and Electricity	Light & Sound
6		Living things and their habitats	Animals including humans	Evolution and inheritance	Light	Electricity	Investigations

**Working  
scientifically  
Year 5 & 6**

- planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- using test results to make predictions to set up further comparative and fair tests
- reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
- identifying scientific evidence that has been used to support or refute ideas or arguments.