

Bishop Henderson Science Yearly Overview

DRAFT and IN DEVELOPMENT

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

**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.