



Working Scientifically Coverage Checker

Key Stage 1

<u>Year 1</u>	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
Everyday materials	X		X	X		X
Animals inc Humans	X	X		X		
Seasonal Changes		X			X	X
Plants		X	X	X	X	

<u>Year 2</u>	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
Living things and their habitats		X		X	X	X
Materials	X	X		X		X
Plants		X	X	X		
Animals inc humans	X	X	X		X	X

Lower Key Stage 2

<u>Year 3</u>	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.
Magnets & Forces	X	X			X	X	X		
Rocks			X	X				X	X
Light	X	X	X			X			
Animals inc humans		X		X				X	X
Plants		X		X	X			X	

<u>Year 4</u>	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.
States of Matter				X	X		X	X	
Electricity	X	X	X		X		X		
Sound		X	X			X	X		X
Animals inc humans	X	X		X		X		X	X
Living things & their habitats				X		X			X

Upper Key Stage 2

<u>Year 5</u>	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
Properties & changes of materials	X	X	X	X	X	
Forces	X	X	X	X	X	
Earth & Space			X		X	X
Animals inc humans			X	X		X
Living things & their habitats					X	X

<u>Year 6</u>	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
Living things & their habitats			X		X	X
Light	X	X		X	X	
Evolution & Inheritance			X		X	X
Electricity	X		X	X		
Animals inc humans	X	X	X	X		