

					Кеу	Stage 1								
	Year 1							Year 2						
	The Human Body	Animals and their Needs	Seasons and Weather	Taking care of the Earth	Plants	Materials and Magnets	The Human Body	Living Things and Their Environment	Electricity	Plants	Materials and Matter	Astronomy		
asking simple questions and recognising that they can be answered in different ways		~	~	 ✓ 	V	×	♦	*	~	<	~	×		
observing closely, using simple equipment	~		V		~	<		×	~	<	~			
performing simple tests	~		~		~	<			~	✓	~	×		
identifying and classifying	~	×	~	 ✓ 	~	×	V	×	<	~	✓	×		
using their observations and ideas to suggest answers to questions	~	×	~	~	~	×	~	×	~	~	~			
gathering and recording data to help in answering questions Notes and Guidance	×	~	V	 ✓ 	V	✓	<	*	~	~	✓			
(Non-Statutory) use simple features to compare objects, materials and living things and, with help, decide how to sort and group them, observe changes over time, and, with guidance, they should begin to notice patterns and	×	•	✓	•	✓	✓	✓	✓	~	~	•	•		
relationships ask people questions and use simple secondary sources to find answers	✓		<	×	<	×	V		<		✓			
use simple measurements and equipment (for example, hand lenses, egg timers) to gather data, carry out simple tests, record simple data, and talk about what they have found out	•		✓			×		×	~	~	×			
and how they found it out record and communicate their findings in a range of ways and begin to use simple scientific language (with help)	~	×	~	×	~	×	✓	✓	<	<	×	×		



Lower Key Stage 2													
	Year 3						Year 4						
	The Human Body	Cycles in Nature	Plants	Light	Rocks	Forces and Magnets	The Human Body	Classification	Ecology	Sound	States of Matter/ Water Cycle	Electricity	
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													
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.													





Upper Key Stage 2														
	Year 5							Year 6						
	The Human Body	Materials	Living Things	Forces	Astronomy	Meteorology	The Human Body	Classification	Electricity	Light	Reproduction	Evolution		
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														

