

Science		
Key Stage 1		
KS1	Working scientifically	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
Y1	Plants	What grows near me?
	Animals, including humans	What am I?
	Everyday materials	What is my hat made of?
	Seasonal changes	What changes around me?
Y2	Living things and their habitats	What is home? How do we live a healthy life?
	Plants	How do plants grow near me?
	Animals, including humans	What is home? How do we live a healthy life?
	Uses of everyday materials	What could my classroom be made of?

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Lower Key Stage 2		
LKS2	Working scientifically	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
Y3	Plants	How do plants die?
	Animals, including humans	What is the difference between surviving and being healthy?
	Rocks	What is underneath our feet?
	Light	Where does the darkness come from?
	Forces and magnets	How can you feel the force?
Y4	Living things and their habitats	What should you flush down the loo?
	Animals, including humans	Why are more people becoming vegetarian?
	States of matter	Where does our water come from?
	Sound	What is the difference between noise and sound?
	Electricity	How can we switch off?

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Upper Key Stage 2		
UKS2	Working scientifically	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 a 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
Y5	Living things and their habitats	How are you helping to save our planet?
	Animals, including humans	Puberty
	Properties and changes of materials	How can science help the homeless?
	Earth and space	What does the Earth look like from the Solar System?
	Forces	What do forces actually do?
Y6	Living things and their habitats	Linnaeus and Darwin - how are they connected?
	Animals, including humans	How are lives saved?
	Evolution and inheritance	Linnaeus and Darwin - how are they connected?
	Light	Why are shadows important?
	Electricity	How big is your footprint?

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