

Science Curriculum Map

KS1 Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Human body and senses	Seasonal changes	Everyday materials	Plants	Humans and animals	Light
Year 2	All living things	Animals, including humans	Use of everyday materials	Plants	Habitats	Materials and properties
Skills involved in working scientifically						
Years 1 and 2						
Ask simple scientific questions.						
Use simple equipment to make observations.						
Carry out simple tests.						
Identify and classify things.						
Suggest what they have found out.						
Use simple data to answer questions.						

KS2 Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	Nutrition	Rocks	Forces and magnets	Skeletons	Light	Plants
Year 4	States of matter	Digestive system and teeth	Living things	Consumers, producers, predators	Electricity	Sound
Year 5	Animals including humans	Properties of materials	Earth and space	Forces	Living things and their habitats	Change of materials
Year 6	Diet and health	Circulatory system	Electricity	All living things	Evolution and inheritance	Light
Skills involved in working scientifically						
Years 3 and 4						
Ask relevant scientific questions.						
Use observations and knowledge to answer scientific questions.						
Set up simple enquiries to explore a scientific question.						
Set up a test to compare two things.						
Set up a fair test and explain why it is fair.						
Make careful and accurate observations, using standard units.						
Use equipment to take measurements.						
Gather, record, classify and present data in different ways to answer scientific questions.						
Use diagrams, keys, bar charts and tables.						
Use findings to report in different ways, including oral and written explanations.						
Draw conclusions and suggest improvements.						
Make a prediction with a reason.						
Identify differences, similarities and changes related to an enquiry.						
Years 5 and 6						

Plan different types of enquiry.
Control variables in an enquiry.
Measure accurately and precisely using a range of equipment.
Record data and results using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.
Use the outcome of test results to make predictions and setup a further comparative test.
Report findings from enquiries in a range of ways.
Explain a conclusion from an enquiry.
Explain causal relationships in an enquiry.
Relate the outcome from an enquiry to scientific knowledge in order to state whether evidence supports or refutes an argument or theory.
Read, spell and pronounce scientific vocabulary accurately.