

Whole School Science Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Science is taught as part of Understanding The World; The Natural world and is mostly provided through provision rather than discrete teaching.					
Foundation	All About Me Why am I so special?  body parts, changes	Light and Dark What happens at night?  light and shadow	Traditional Tales What makes a villain?  materials	Dinosaurs Are all dinosaurs dangerous?  (life cycles, changes, habitats, adaptation)	Growing/Minibeasts/Planting What lives at the bottom of the garden?  Forest School	Pirates What makes a pirate?  floating and sinking, materials Forest School
	Seasonal change to be covered and revisited throughout the year, as the seasons change.					
Year 1	Materials  comparison	Plants creature feature  structure and function	Animals including humans (humans)  variation, structure and function	Animals including humans (animals)  variation, structure and function	Seasonal Change  change, comparison	Assessment
	Scientific skills: asking questions, observing closely, perform simple tests, identify and classify, use observations to answer questions, gather and record data.					
Year 2	Plants creature feature  changes, processes	Uses of everyday materials  comparison, processes	Animal including humans  growth, survival	Plants  changes, processes	Living things and their habitats creature feature  comparison, survival, variation	Assessment
	Scientific skills: Scientific skills: asking questions, observing closely, perform simple tests, identify and classify, use observations to answer questions, gather and record data.					
Year 3	Plants (creature feature)  structure and function, growth, variation	Rocks and soils  comparison	Forces and Magnets  energy, comparison	Light and shadow  energy, processes	Animals including humans  survival, structure and function	Assessment
	Scientific skills: Ask relevant questions and use different types of scientific enquiry to answer them, Setting up practical enquiries, comparative and fair tests, Make systematic and careful observations, take accurate measurements using standard units, use equipment to take measurements e.g. thermometers and data loggers, Gather, record and classify data in a variety of ways, record findings in different ways, use results to draw simple conclusions, make predictions, identify differences, similarities or changes, use straightforward scientific evidence to answer questions.					
Year 4	Electricity	Sound  processes, comparisons	Animals including humans	States of matter  comparisons, change	Living things and their habitats	Assessment

	energy, structure and function		structure and function, adaptations, evolution and survival		Creature Feature variation, changes	
Scientific skills: Ask relevant questions and use different types of scientific enquiry to answer them, Setting up practical enquiries, comparative and fair tests, Make systematic and careful observations, take accurate measurements using standard units, use equipment to take measurements e.g. thermometers and data loggers, Gather, record and classify data in a variety of ways, record findings in different ways, use results to draw simple conclusions, make predictions, identify differences, similarities or changes, use straightforward scientific evidence to answer questions.						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5	Earth and space processes	Forces energy, structure and function Creation station	Animals including humans  changes, processes, comparison	Properties of materials  comparisons, changes, processes Creation station	Living things and their habitats  comparisons, processes Creature feature	Assessment
Scientific skills: Planning different types of scientific enquiries to answer questions, including recognising and controlling variables, taking measurements, using a range of scientific equipment, taking repeated readings, Recording data and results using a variety of different ways (diagrams, labels, classification keys, tables, scatter graphs, bar and line graphs), Use test results to make predictions to set up further tests, reporting and presenting findings in different ways, identifying scientific evidence that has been used to support or refute ideas.						
Year 6	Living Things  Comparisons creature feature	Light processes	Animals including humans  structure and function, processes, adaptation, evolution and survival	Electricity  energy, structure and function	Evolution  adaptation, evolution and survival	Human body/Keeping healthy
Scientific skills: Planning different types of scientific enquiries to answer questions, including recognising and controlling variables, taking measurements, using a range of scientific equipment, taking repeated readings, Recording data and results using a variety of different ways (diagrams, labels, classification keys, tables, scatter graphs, bar and line graphs), Use test results to make predictions to set up further tests, reporting and presenting findings in different ways, identifying scientific evidence that has been used to support or refute ideas.						