



Science Long Term Overview 2022-23

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	Perfect Pets	Home and Away Science: Rocks	A Peachy Adventure Science: Animals	A Step Back in Time Science: Forces and magnets	What Lies Beneath? Science: Light	Invaders and Raiders Science: Plants
	<p>Working Scientifically Through the academic year, children learn to set up simple practical enquiries using fair tests. They make systematic and careful observations and take measurements using a range of equipment. Children use their measurements to create recordings such as bar charts and labelled diagrams. As scientists, there is a key focus on reporting findings from enquiries which include oral and written explanations using scientific vocabulary.</p>					
Year 4	Paws For Thought	Villagers and Pillages Science: Human Digestive System	The Nowhere Emporium Science: Sound	Tragic Titanic Science: Electricity	Mission: Survival Science: States of matter	S.O.S Save Our Species. Science: Living things and their habitats
	<p>Working Scientifically Through the academic year, Year 4 children build on the same 'working scientifically' skills from Year 3 but increase the accuracy of measurements they collect during enquiries. In their written work, children's conclusion writing is developed and they begin to identify differences, similarities or changes from their scientific evidence.</p>					
	A Land Faraway	Into the Darkness	Walk Like an Egyptian	The Golden Age	A Twist in the Tail	Fun at the Fair

Year 5	Science: Properties and changes of materials	Science: Earth and Space	Science: Properties and changes of materials		Science: Animals Living things and their habitats	Science: Forces Forces to be re-visited through Bright Sparks experiments
	<p>Working Scientifically Throughout Year 5, children plan different types of scientific enquiries to answer questions, including recognising and controlling variables. They use the skills learnt in Year 3 and 4 to record measurements with accuracy and precision. Data and results are recorded using scientific diagrams and labels, classification keys, tables, and graphs. In addition, they use simple models to describe scientific ideas. Written work for conclusion writing begins to show causal relationships and explains results in more detail.</p>					
Year 6	Meet the Greeks	Born To Survive Science: Living things and their habitats Animals	Dragonology Science: Evolution and inheritance	Lest We Forget Science: Electricity Enterprise Week	Location, Location, Location Science: Light	
	<p>Working Scientifically Throughout Year 6, children build on their working scientifically skills from Year 5. On finding results, they make predictions to set up further fair tests. Their written work develops causal relationships to explain results and further develops Year 5 skills.</p>					