

Overview of Science at Sowe Valley Primary School

Vision (Intent)	Immersion (Our Offer)	Personalising the Curriculum to Sowe Valley (Implementation)	
<p>At Sowe Valley Primary School, children learn Science in Key Stage 1 and Key Stage 2. In the EYFS it is identified as 'Understanding of the World' d• d• in one of the seven areas of learning. Develop understanding of the nature, processes and methods of science through different types of science enquiries that help them to answer scientific questions about the world around them We offer a broad and balanced Science Curriculum, which enables them to confidently work as Scientists and progressively develop their scientific knowledge and skills. In turn, this fosters their curiosity and have a deeper understanding of the world we live in by exploring and discovering their environment.</p> <p>The curriculum is mapped progressively across the school to ensure that children are able to build on previous learning, acquire new knowledge and skills and know how this will help them in future learning. At Sowe Valley Primary School we use the Grammarsaurus Science Scheme to support with the planning and resourcing of the science units. Opportunities to revisit previous learning, when learning new units, support children knowing more and remembering more. Science is broken down into further disciplines of Biology, Chemistry and Physics. Scientific enquiry is woven within the curriculum with lots of opportunities for practical learning. It encourages children to generate their own further questions and lines of enquiry. High importance is placed on scientific vocabulary and children using it confidently in the correct context to 'talk like an expert'.</p> <p>The successful approach in teaching fun, engaging and high- quality Science lessons at Sowe Valley results in children who are confident and curious Scientists. They enjoy the subject and leave primary school with a secure understanding of the scientific knowledge, skills and enquiry as well as the uses and implications for science,</p>	<p>Current Practice:</p> <ul style="list-style-type: none"> • Staff will use Grammarsaurus to support planning and resourcing of science units to support with consistency and ambitious content that is appropriately pitched for year groups. • Every child will take part in a weekly Science lesson (apart from in EYFS where it is woven into the continuous provision). This maybe more if the Science unit is the driver of the theme e.g. Space. • Opportunities to learn through educational visits and visitors to enrich the curriculum and provide them with their cultural capital entitlement. <p>Further Development:</p> <ul style="list-style-type: none"> • Children will take part in a Science Week in school 	Reception	
		Year 1	
		Year 2	
		Year 3	
		Year 4	
		Year 5	
		Year 6	

which they can continue to develop into their secondary school and beyond. Children will have a good understanding of the scientific vocabulary taught within primary school and are able to see themselves as scientists and articulately talk as scientists.

