

<p>...develops every INDIVIDUAL values, attitudes, knowledge and skills</p> <p>... EMBRACE children's knowledge of the world we live in, cultures and our diverse community</p> <p>... NURTURES curiosity and creative thinkers</p> <p>...is flexible and RESPONSIVE to individual needs and interests</p> <p>...is broad, balanced and has clear progression in knowledge and SKILLS</p> <p>...develops INDEPENDENCE resilience and perseverance to always be our best</p> <p>...is filled with rich PURPOSEFUL first-hand experiences, using experts beyond the classroom</p>	<p>...develops every INDIVIDUAL values, attitudes, knowledge and skills</p> <p>Resilience developed through activities focused on application of knowledge.</p> <p>Christian Value of Perseverance is used throughout science enquiry lessons to encourage pupils that all results can teach us something.</p> <p>Communication allows pupils to reason and justify their own scientific findings and abstract physical concepts.</p>	<p>... NURTURES curiosity and creative thinkers</p> <p>Develops curiosity and thinking critically; challenging individual thought processes and that of others.</p> <p>Enquiry is at the heart of Science – developing the 5 types of science enquiry will nurture creative and curious minds</p> <p>THRIVE activities engage all pupils and encourage pattern seeking</p> <p>The development of children's curiosity and use of scientific skills builds through the sequence of knowledge taught through topics from Year 1 to Year 6.</p>	<p>...is broad, balanced and has clear progression in knowledge and SKILLS</p> <p>Learning progression clearly mapped out from EYFS to Y6</p> <p>Knowledge Organisers supports pupils in knowing more and remembering more</p> <p>Regular retrieval activities in lessons and challenging misconceptions allows pupils to extend their knowledge and skills</p> <p>To provide children with a coherently planned curriculum to build skills and allowing them to 'work scientifically' independently.</p>
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<p>Lessons aim to allow children to explore first-hand experience and enquiry as often as possible, through fair testing, observations and awe and wonder.</p> <p>Science week celebrates science and STEM in our community and the world around us, including career aspirations.</p> <p>Content will become relatable to our pupils when shown in 'real-life' scenarios</p> <p>Special Science lessons and event days are designed to highlight links to Science in everyday life.</p>	<p>Knowledge is mapped out using Knowledge Organiser to support independence.</p> <p>Range of activities mean pupils work alongside the teacher, with peers and independently.</p> <p>Children are taught the knowledge and they apply independently this using a range of skills during enquiry.</p>	<p>Science curriculum is developed to be fully inclusive for all the pupils we teach</p> <p>Modelling and guided practice will scaffold pupils learning new knowledge, abstract concepts and science enquiry skills.</p>	<p>We endeavour to make lessons explorative, thought-provoking and inspiring, leading children to wonder, ask questions, research and then discuss their learning both in school and at home.</p>