



Sharneyford Primary School

Intent, Implementation & Impact in Science

Intent	Implementation	Impact
<ul style="list-style-type: none"> • NC 2014: To ensure that all pupils develop scientific knowledge and conceptual understanding. • NC 2014: To ensure that all pupils develop understanding of nature, processes and methods of science. • NC 2014: To ensure that all pupils are equipped with scientific knowledge required to understand uses and implications. • We aim for children to develop an understanding of the world they live in through enquiry, fostering curiosity and excitement. • We aim for children to develop sophistication in their scientific methods, processes and analysis to seek answers to questions. 	<ul style="list-style-type: none"> • Science is taught weekly within both KS1 and KS2. Links made between EYFS and KS1 where possible. • EYFS continuous provision to be both linked to current topic and children's natural curiosity to tailor their learning to their interests. • Science topics are taught biennially according to year groups where possible. • Where prior year group knowledge is needed, differentiation of learning will occur. • Skill progression and logical order to long term plans are considered to ensure coverage for all year groups. 	<ul style="list-style-type: none"> • Children will enjoy their science challenges and thrive from the encounters. • Children will become more critical in their thinking and problem solving. • Children's knowledge and retention of knowledge will improve. • Children's understanding of scientific enquiry will be broader and deeper. • Children's experience in different contexts will enthuse and engage them. • Children will understand rich vocabulary relating to processes and the world. • Children will be equipped for greater challenges in their future

<ul style="list-style-type: none">• We aim for children to be critical thinkers who are equipped with the knowledge and skills to understand the application of science beyond the classroom and the role it plays in the wider world.	<ul style="list-style-type: none">• Progression in year group science enquiry skills will occur in a logical order to maximise progression.• Science days will be undertaken each term to aid in retention and application of learning.• Children will explore nature in the wider world at Forest School each half term to foster curiosity and understanding of processes.• Vocabulary progression is planned for each half term and is progressive per year group.• Application of knowledge and skills are explored both historically and in preparation for future science innovation and developments.	<p>and to make informed choices about their life.</p> <ul style="list-style-type: none">• Children will also be equipped for unknown challenges in the future as the world develops.
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