



Through our Science curriculum we foster curiosity, investigative skills, and scientific knowledge, encouraging enquiry, experimentation, critical thinking, and understanding of the natural world.

Intent	Implementation	Impact
<p>Our science curriculum aims for children to</p> <ul style="list-style-type: none"> ● Develop scientific knowledge and conceptual understanding across biology, chemistry, and physics. ● Foster curiosity about the natural world and ask meaningful scientific questions. ● Develop practical, investigative skills, including observation, measurement, and recording data. ● Apply scientific thinking to solve problems and make informed decisions. ● Develop resilience, critical thinking, and an appreciation of the impact of science on daily life and society. 	<p>Our curriculum is structured for coverage, progression, and depth: We</p> <ul style="list-style-type: none"> ● Use Bloom’s taxonomy to plan lessons, developing knowledge, understanding, application, analysis, evaluation, and creative thinking. ● Sequence learning from EYFS to Year 6 to build knowledge and skills systematically. ● Plan practical investigations: Hands-on experiments and fieldwork to develop enquiry skills, observation, and analytical thinking. ● Explicitly teach the use of key scientific terms to support conceptual understanding. ● Make cross-curricular links ● Provide enrichment opportunities: such as STEM events, and visits to inspire curiosity and engagement. ● Adapt and extend our curriculum to ensure all learners make progress 	<p>By the time children leave Stadhampton Primary School, they will:</p> <ul style="list-style-type: none"> ● Have a secure understanding of key scientific concepts in biology, chemistry, and physics. ● Be able to plan, conduct, and evaluate scientific investigations confidently. ● Use scientific vocabulary accurately to explain ideas and present findings. ● Demonstrate curiosity, resilience, and critical thinking when approaching scientific questions. ● Make connections between science and everyday life, recognising its relevance. ● Be well-prepared for the next stage of their science education at secondary school.