

# Ashwell Primary School

## Science Curriculum

### Intent - Implementation - Impact



INTENT: Why do we teach what we teach?	IMPLEMENTATION: How do we teach it?	IMPACT: What has been the impact and how do we know?
<p><b>Our Science curriculum intends to:</b></p> <ul style="list-style-type: none"> <li>✓ Develop an enthusiasm and enjoyment of scientific learning and discovery.</li> <li>✓ Recognise the importance of Science in every aspect of daily life.</li> <li>✓ Increase pupils' knowledge and understanding of our world.</li> <li>✓ Develop the skills associated with Science as a process of enquiry and apply them.</li> <li>✓ Develop the natural curiosity of the child and inspire the next generation of scientists.</li> <li>✓ Encourage respect for living organisms and the physical environment.</li> <li>✓ Provide opportunities for critical evaluation of evidence.</li> </ul>	<p><b>Our curriculum for Science is implemented by:</b></p> <ul style="list-style-type: none"> <li>✓ Working scientifically skills are embedded into lessons.</li> <li>✓ New vocabulary and challenging concepts are introduced through direct teaching and investigation.</li> <li>✓ Building on prior knowledge in order to deepen and broaden understanding of concepts.</li> <li>✓ Incorporating practical science activities and investigations in order to develop key working scientifically skills.</li> <li>✓ Utilising opportunities for children to apply their knowledge and understanding through curriculum enrichment opportunities. (STEM Learning)</li> <li>✓ Providing opportunities for children to experience real life Science. (CCI Project, Science Week etc.)</li> </ul>	<p><b>The impact of Science lessons at Ashwell School is seen through:</b></p> <ul style="list-style-type: none"> <li>✓ Children's high levels of enthusiasm and engagement.</li> <li>✓ High-quality science education that provides children with the foundations for understanding the world.</li> <li>✓ First hand, practical experiences and pupil voice.</li> <li>✓ Teacher assessment of children's attainment in Science.</li> <li>✓ Pupil's articulation of knowledge gained and application of working scientifically skills.</li> </ul>