



Intent	Implementation	Impact
<p>Children to be encouraged to ask questions to make connections to understand the world around them.</p>	<p>Children provided with a range of practical experiences, high-quality images and videos to encourage them to ask questions.</p> <p>Carefully planned lessons to ensure that connections are made across topics and year groups and linked to the wider world where possible.</p>	<p>Children to be curious and show enjoyment in finding out new things.</p> <p>Children to regularly revisit knowledge when connections are made are made from previous year groups and topics learning.</p>
<p>Children have practical experiences to enable them to answer questions.</p>	<p>Planning to follow scheme of work to ensure that practical experiences are provided where possible.</p>	<p>Children will be able to visualise and apply knowledge through practical experiences. SEND children will be able to use a hands-on approach to support their development of understanding.</p>
<p>Children use scientific vocabulary when explaining and predicting.</p>	<p>Scientific vocabulary to be taught explicitly and displayed in classrooms. High expectations of children's oracy and writing in science to ensure the vocabulary is used correctly.</p>	<p>Children to become confident using scientific vocabulary and use regularly.</p>
<p>Children develop Working Scientifically skills to enable them to plan, conduct and present findings for the 5 enquiry types.</p>	<p>Scheme of work, including TAPS assessments, to be used to ensure all Working Scientifically skills are explicitly taught and regularly practised.</p> <p>Scheme of work used to ensure 5 enquiry types are covered within each year group.</p>	<p>Children will build skills to be able to sort and classify, measure accurately, observe closely, plan and set up a fair test, make predictions and draw conclusions and present data in a variety of ways.</p>

		Children will be able to plan to answer questions in different ways.
Children to link their science learning to the wider world.	<p>Experts to be invited in to talk to the children about application to the wider world.</p> <p>Children to attend school trips to support their understanding of the application of their knowledge.</p> <p>Planning to include opportunities to discuss key scientists.</p>	Children will understand the range of applications of science knowledge and skills.