

**COOMBE BISSETT CoE PRIMARY SCHOOL
CURRICULUM STATEMENT**

VISION	VALUES		
<p style="text-align: center;">Together we can: “Soar on wings like eagles, Run and not grow weary, Walk and not be faint.” Isaiah 40:31</p>	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 50%; vertical-align: top;"> Care (love & service) Commitment (friendship & respect) Creativity (solving problems & doing your best) </td><td style="width: 50%; vertical-align: top;"> Belief (trust & hope) Bravery (courage & justice) Brilliance (wisdom & truth) </td></tr> </table>	Care (love & service) Commitment (friendship & respect) Creativity (solving problems & doing your best)	Belief (trust & hope) Bravery (courage & justice) Brilliance (wisdom & truth)
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SCIENCE
<p>“Somewhere, something incredible is waiting to be known.” Carl Sagan</p>
Intent
<p>At Coombe Bissett, we recognise the importance of science in every aspect of daily life. As one of the core subjects taught in Primary Schools, we give the teaching and learning of science the prominence it requires.</p> <p>Science in our school is about developing children’s ideas, curiosity and ways of working that enable them to make sense of the world in which they live. Through investigating and exploring, we encourage children to explore all possibilities, to be inquisitive throughout their time at school and beyond.</p> <p>The science curriculum fosters a healthy curiosity in children and promotes respect for the world around them. The staff at Coombe Bissett ensure that all children are exposed to high quality teaching and learning experiences, which also allow children to explore their outdoor environment and locality, thus developing their scientific enquiry and investigative skills.</p> <p>At Coombe Bissett, we follow The Science Programmes of Study in the National Curriculum.</p> <p>The 2014 National Curriculum for science aims to ensure that all pupils:</p> <ul style="list-style-type: none"> ● Develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics. ● Develop understanding of the nature, processes and methods of science through different types of science enquiries that help them to answer scientific questions about the world around them. ● Are equipped with the scientific skills required to understand the uses and implications of science, today and for the future. We understand that it is important for lessons to have a skills-based focus, and that the knowledge can be taught through this.

Throughout The Programmes of Study, the children will acquire and develop the key knowledge that has been identified within each unit and across each year group. Key skills are also mapped for each year group and are progressive throughout the school.

Implementation

Teachers create a positive attitude to science learning within their classrooms and reinforce an expectation that all children are capable of achieving high standards in science. Our whole school approach to the teaching and learning of science involves the following;

- We build upon the learning and skills development from the previous year, using knowledge and skills progression maps.
- Children are encouraged to ask their own questions and be given opportunities to use their scientific skills and research to discover the answers.
- Curiosity is celebrated within the classroom.
- Planning involves teachers creating engaging lessons, often involving high-quality resources to aid understanding of conceptual knowledge.
- Teachers use precise questioning in class to test conceptual knowledge and skills, and assess children regularly.
- The school pupil tracker is used efficiently to input data and complete gap analysis.
- Working Scientifically skills are embedded into lessons to ensure these skills are being developed throughout school years and new vocabulary and challenging concepts are introduced through direct teaching.
- The outdoor environment is used by teachers to enhance science learning.
- Trips around our surrounding countryside are planned to support and enhance learning.