

Vision statement: Our School is built on the teachings of the Bible and inspired by The Gospel Values of Faith, Hope and Love.
Our Christian ethos is upheld by respecting humanity fostered through our community that is welcoming, inclusive and forgiving.
Together we flourish through courageous learning, friendships and generosity. TO BE THE BEST THAT I CAN BE – THE WAY GOD INTENDS



Deal Parochial C.E.P. School Science Curriculum

The teaching of Science at Deal Parochial CEP Primary School mirrors the underpinning vision shared by all at the school - to be the very best they can be. We aim to prepare our pupils for their future lives and enable them to be able to contribute positively to society. Through Science, pupils acquire a range of skills and knowledge that enable them to investigate, analyse and draw conclusions about the developing world around them. Through their learning, they are encouraged to ask questions and explore their curiosity, equipping them to think scientifically.

<u>Intention</u>	<u>Implementation</u>	<u>Impact</u>
<p>In Science, our school aims:</p> <ul style="list-style-type: none"> • To develop a fun, practical and engaging high-quality curriculum that inspires the next generation to succeed and excel in science. • To build a science curriculum which develops learning and results in the acquisition of knowledge. • To build a science curriculum which enables children to become enquiry-based learners. • To develop pupils' knowledge and understanding of the world around them and encourage respect for living organisms and the physical environment. • To offer opportunities for pupils to learn through varied systematic investigations. • To develop and build their working scientifically skills to enable them to question, explore and draw conclusions. 	<p>We will do this by:</p> <ul style="list-style-type: none"> • Embedding and covering every element of the science curriculum, ensuring that knowledge and skills are built on year on year to deepen and challenge our learners. • Using a clear and effective scheme of work that provides coverage in line with the National Curriculum. • Ensuring teaching and learning facilitates progression across all key stages. • Ensuring that new and key vocabulary and challenging concepts are introduced through direct teaching. • Planning for practical investigative opportunities within science lessons. • Building on prior knowledge and linking ideas together, enabling them to question and become enquiry-based learners. • Making links to cross-curricular topics or current world issues when appropriate. • Embedding scientific understanding by demonstrating how to use scientific equipment and ensuring that Working Scientifically skills are explicitly taught. • Using enrichment days, such as 'science week', to promote the profile of science and allow time for the children to freely explore scientific topics. 	<p>The result of this is:</p> <ul style="list-style-type: none"> • An engaging and high-quality science education that provides children with the foundations for understanding the world. • Curriculum aims will be achieved while enjoying and exploring their own interests in these areas where appropriate. • Pupils will be able to question ideas and reflect on knowledge. • Pupils will be able to work collaboratively and practically to investigate and experiment. • Pupils will be able to explain the process they have taken and be able to reason scientifically.