



Science

Intent (curriculum design, coverage and appropriateness)	Implementation (curriculum delivery, teaching and assessment)	Impact (attainment and progress)
<p>The aim of the Science curriculum is to ensure all children:</p> <ul style="list-style-type: none"> • Develop knowledge and understanding of the world around them. • Develop an investigative approach which can be applied across the curriculum. • Work scientifically and use a variety of approaches to answer scientific questions – observing over time, comparative tests, identifying and classifying, pattern seeking and research • Develop a secure scientific vocabulary • Develop independent learning behaviours through choice and challenge. • Become confident, curious and passionate learners. • Progress from EYFS to the end of KS2 and form a solid base to enter into KS3 when transitioning into secondary education. • Cover the key aspects of the science national curriculum in engaging, immersive topics. • Receive high quality science lessons, taught by confident teachers. • Access a range of scientific equipment and understand how it is used 	<p>Termly topics have been designed to incorporate the science curriculum and ensure coverage.</p> <ul style="list-style-type: none"> • Children are made aware when they are learning aspects of science and how it is in everything we do. • Teachers have access to CPD to improve their confidence and ability to teach science effectively and the school is a member of the Primary School Teaching Trust. • Children will be assessed termly to ensure gaps are being filled. • Progression and coverage is monitored closely to ensure continuation from EYFS to Year Two to the end of Year 6. • Curriculum leaders work alongside teachers from each year group to ensure the quality of teaching throughout the school. • Resources are checked to ensure they are suitable, appropriate and useful. • Our monitoring system, which includes planning scrutiny, book looks, subject coverage checks, lesson observations and pupil conferencing will enable the curriculum leaders to check coverage and progression. 	<p>Enthusiastic, excited and curious children.</p> <ul style="list-style-type: none"> • Children will become more inquisitive, have a greater understanding of the world around them and will have the vocabulary to begin to communicate this. • Children are able to use different methods of scientific enquiry. • Children’s progress is tracked using using the skills progression assessment. <p>Any areas of development will have been identified.</p> <ul style="list-style-type: none"> • Internal moderation of books provides evidence of consistent teaching and opportunities where all pupils have access to science and scientific enquiry. • Children are able to apply reasoning, enquiry and communication skills to all aspects of their life. • Children are equipped with the scientific knowledge which will enable them to understand the uses of science today and how vital it is to the world’s future prosperity