


Science at Stapeley Broad Lane C of E Primary School

Intent	 <p><i>“Guided by faith, nurturing hearts and minds”</i></p>	Why? and How?
	<p>Our Science curriculum is shaped by an informed understanding of the purpose and value of primary science, aiming for every child to engage with a coherent progression of the scientific skills and concepts specified in the National Curriculum. The science curriculum ensures full coverage, and each unit begins with a clear statement of the knowledge and skills children will have developed by the end. The full Science framework is built on a clear progression of conceptual knowledge in science from EYFS (Knowledge and Understanding of the World) to Y6, which has been used to structure the content within key ideas, from year to year and within each year group and module, and to identify conceptual gaps in the National Curriculum. This ensures that children systematically develop their knowledge of big ideas and their scientific skills.</p>	
Implementation	How we teach Science	
	<p>We use a scheme as it provides many opportunities for pupils to engage in practical science. With clear planning at the heart of the resource, it provides a consistent whole school approach. Flexible lesson plans allow the effective delivery of content tailored to the needs of our pupils. Each lesson is packed with enquiry-based, hands-on activities incorporating a range of resources to ensure every lesson is rich, lively and engaging. All lessons are planned to ensure that all children in a class can access and master the intended knowledge and skills with each lesson offering adapted tasks. Alongside the main subject matter, pupils investigate a linked scientist/inventor to understand their impact on science today.</p>	
Impact	How we monitor standards and the Impact of our Science curriculum	
	<p>Checks are made during the lesson to ensure that pupils are developing their understanding of new concepts. At the end of each unit, teachers make a simple assessment of each pupils’ development. Each term, teachers make an overall judgement of the children’s attainment against the taught content. This is recorded on our whole school assessment tracker. The Subject Leader monitors the effectiveness of the science teaching provided throughout the year through book scrutiny, learning walks, planning scrutiny and pupil interviews.</p>	