



Science at Chilvers Coton



Intent	<p>At Chilvers we intend to deliver a high-quality Science curriculum that gives pupils a strong understanding of the world around them, whilst enquiring an array of skills and knowledge to help them think scientifically, understand scientific processes and make predictions based on what they already know. We want all children to develop a love of working scientifically and lessons will be embedded within each topic they are learning about. Children will be given opportunities to develop their questioning, observational and investigational skills. Certain topics will be revisited in further detail each year; allowing children to build upon their prior knowledge. Specialist vocabulary will be built up so children are able to share their ideas and answer relevant scientific questions with confidence.</p>
Implementation	<p>As a school we have a clear progression map and knowledge organiser that has been shared with and made accessible to all members of staff. This shows what children should be learning in each year group and what they should know by the end of each year group making them ready for the next stage of their education. As a school we put an emphasis on developing appropriate scientific language, which we display around the classroom when learning about specific topics. Teachers deliver lessons that fit in with our half termly topics. Lessons are planned and adapted to all children's needs and suit their interests. It is also taught both explicitly and in cross-curricular contexts. As our school is two-form entry, teachers working in the same year group work together to plan lessons to ensure that every child receives the same high quality teaching.</p>
Impact	<p>Children at Chilvers enjoy taking part in science lessons and make good progress in this subject. It is taught at a high standard throughout the school and is planned to demonstrate progression. If children are keeping up with the curriculum, they are deemed to be making good or better than good progress. We also measure our impact of our Science curriculum by children's opinions and discussions about the subject and whether they are equipped with the scientific skills and knowledge ready for Key Stage 2.</p>

Progression	As a school, we have developed a progression map to guarantee that all knowledge and key skills outlined in the National Curriculum are covered in each year group. By doing this, this ensures that there is no repetition of lessons across different year groups. Instead, it focuses on teachers building on children's prior knowledge and understanding of different science topics.
Coverage	Teachers cover topics stated in the National Curriculum throughout the year, which they outline on their long term plans. As well as this, science objectives from the Development Matters to support our Early Years teachers. This year we intend to celebrate 'British Science Week' during March 2020, where children will have the opportunity to watch and take part in different scientific experiments, in order to improve their questioning and enquiry skills.
Scheme	We don't follow a scheme for teacher Science. We use the National Curriculum / Development Matters Objectives as our starting point. We will then link these objectives into our engaging topics to ensure that everything is covered. This allows children to meet their end of key stage targets.
Pedagogy	Science lessons are taught through whole class teaching.