

Deanery Primary School  
Subject Vision Mathematics

| Intent  |
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| <p>At Deanery CE Primary School, we aim that all pupils:</p> <ul style="list-style-type: none"><li>• Are introduced to mathematical concepts, skills and thinking strategies, essential for everyday life.</li><li>• Become fluent in the fundamentals of mathematics so that they develop conceptual understanding, embedded into their long term memory giving them the ability to recall and apply knowledge rapidly and accurately.</li><li>• Can reason mathematically by following a line of enquiry and develop and present a justification, argument or proof using mathematical language.</li><li>• Make connections between fluency, reasoning and problem solving</li><li>• Understand the reasons behind what they're learning, why and when, making links with prior teaching</li><li>• Develop a positive attitude towards maths</li><li>• Are provided with an ambitious and coherent curriculum which is carefully sequenced, designed and developed for Deanery pupils</li></ul>   |
| Implementation  |
| <p>Maths teaching is planned following the National curriculum, with reference to the Ready to Progress criteria. We also refer to the sequence of lessons outlined in White Rose adapting the planning with a flexible approach to meet the needs of each cohort. There is a consistent approach with the inclusion of daily 'Settling Down' activities where previous learning is revisited, to ensure that key concepts are embedded into long term memory. The school Calculation Policy and whole staff CPD ensure consistency of methods used.</p> <p>When introduced to a new topic, children usually begin with concrete equipment to help consolidate their understanding, before moving on to a variety of pictorial representations then applying abstract thinking. Careful consideration is given to progressive activities with opportunities for focused support and deep reasoning. Teaching staff use the most effective models to teach and meet the needs of individuals within the class. Mathematical dialogue is encouraged between both peer-to-peer and teacher to pupil. Further assessment is through meaningful, manageable and motivational marking. Teacher assessment takes a variety of forms and is ongoing throughout the year. This information is then used to address misconceptions and to inform future planning.</p> <p>The SIP identifies a continued focus on setting high yet achievable targets in Maths across the school, to ensure children progress well from their different starting points and exceeding standards expected for their age. The Maths Leaders set the intent and assess implementation, lead Staff Meetings, moderate Maths delivery and encourage staff to reflect on their teaching and the children's learning. Book Trawls are also carried out and feedback given to staff to further improve standards. Pupil Voice is also obtained to understand the impact of teaching and to respond to the children's views and reflections. The Maths Team support the teaching of maths, regularly checking-in on Maths lessons and offering support and guidance to all staff. The Maths Leaders also work in partnership with local schools and maths specialists for moderation exercises, as well as sharing and exploring good practice.</p> |
| Impact  |
| <p>When pupils leave Deanery Primary School, we hope that we have instilled in them a positive attitude to mathematics as both an interesting and valuable subject and recognising links with everyday life. Our ambition is that pupils develop confidence in working both cooperatively, collaboratively and independently, having a deeper understanding of maths and recognising what helps them to learn.</p>  |