



## What Maths looks like at St James' CE Primary School

<b>Intent</b>	<b>What we are aiming for in Art</b>  We teach White Rose Maths lessons, which follows a mastery approach to Maths. The mastery approach follows the Five Big Ideas. I.e. representation and structure, mathematical thinking, fluency, variation and taking small steps to ensure coherence. Teachers follow the long-term plan of units from White Rose. Children start year with the key units of work, i.e. Place value, addition and subtraction, and multiplication and division. The objectives covered in these units underpin knowledge of concepts such as money, measure and fractions. Therefore, it is important children have a solid foundation of place value and the four operations in order to succeed. At the end of each unit, White Rose assessments are available for teachers to use to inform the progress of the children. This can assist when submitting data on Arbor.
<b>Implementation</b>	<b>What will Maths lessons look like at St James'?</b> <ul style="list-style-type: none"><li>• Keeping the whole class together and having different expectations for the high attainers. Needs of SEN children will be met with support and intervention.</li><li>• Teaching a concept through small steps to ensure children have a deep understanding of Maths.</li><li>• Using Stem sentences to support understanding of concepts.</li><li>• Using concrete, pictorial and abstract representations of different concepts.</li><li>• Emphasis given to the fluency of number facts and using these to make connections.</li><li>• Children will be provided with reasoning and problem solving tasks.</li><li>• Using procedural and conceptual variation to help children make connections with different areas of Maths.</li></ul>
<b>Impact</b>	<b>What will the results be in Maths?</b> <ul style="list-style-type: none"><li>• By the time children leave our school they should have developed;</li><li>• A secure understanding of number.</li><li>• An ability to reason and problem solve.</li><li>• Enjoyment of Maths and understanding of how this subject is relevant in their real life.</li><li>• Met the expectations for Year 6.</li></ul>