



Maths Curriculum Intent, Implementation and Impact Overview

The intent of our Mathematics curriculum is to deliver a curriculum which is accessible to all and that will maximise the outcomes for every child so that they know more, remember more and understand more. As a result of this they will:

- Make rich connections across mathematical ideas to develop fluency, mathematical reasoning and competence in solving increasingly sophisticated problems.
- Be able to apply their mathematical knowledge to science and other subjects.
- Realise that mathematics has been developed over centuries, providing the solution to some of history's most intriguing problems.
- Know that it is essential to everyday life, critical to science, technology and engineering, and necessary for financial literacy and most forms of employment.
- Understand the world, have the ability to reason mathematically.
- Have an appreciation of the beauty and power of mathematics, and a sense of enjoyment and curiosity about the subject.

Sacred Heart School has identified key intentions that drive our Maths curriculum. At Sacred Heart Catholic Primary School our Maths curriculum intentions are:

Intent	Implementation	Impact
<p>To build a Mathematics curriculum which develops learning and results in the acquisition of knowledge and skills so that all pupils know more, remember more and understand more.</p> <p>To design a curriculum with appropriate subject knowledge, skills and understanding in Number, Algebra, Ratio, Measurement, Geometry and Statistics as set out in the National Curriculum so that children can know more, remember more and understand more to help them reach and</p>	<p>National Curriculum Programmes of Study and Scheme of Work</p> <p>Mathematics is planned for, following the EYFS Framework and KS1 and KS2 school curriculum.</p> <p>Mathematics is planned for following the Abacus scheme of work.</p> <p>Whilst the National Curriculum forms the foundation of our curriculum, we make sure that children learn additional skills, knowledge and</p>	<p>Children will make at least good progress in Mathematics from their last point of statutory assessment or from their starting point in Reception</p> <p>Children will use their Mathematics knowledge and skills, in all curriculum areas, to enable them to know more, remember more and understand more.</p>

<p>exceed their potential at Sacred Heart Catholic Primary School and beyond.</p>	<p>understanding and enhance our curriculum as and when necessary.</p> <p>Mathematics is taught as an exclusive subject in order to promote fluency but children are also provided with real life problems so that they are made aware of the importance of mathematics in everyday life.</p>	<p>Children will recognise the importance of Mathematics as a facilitating subject to enable them to access other areas of learning and operate successfully in everyday life both now and in the future.</p>
<p>Children benefit from a clear progression in knowledge and understanding whilst studying Maths at Sacred Heart Catholic Primary School. This will ensure that all children make good or better progress throughout their time here.</p> <p>Maths teaching is regularly monitored to ensure it is of a good or better standard.</p>	<p>We have a clearly progressive Calculation policy in use throughout school. Teachers also make use of the Abacus schemes of work alongside Abacus textbooks and online materials for progression. Lessons are sequenced to ensure that children build upon their knowledge and are clear as to the context of concepts taught.</p> <p>Mathematical knowledge and understanding is assessed regularly using mental arithmetic tests, tables tests etc. and in Years 1 -6 half termly Abacus tests are used to check knowledge acquisition and retention. Across the school, on-going teacher assessment using RM Integris tracking is undertaken and termly data analysis is conducted by the Maths lead who also undertakes a range of other monitoring activities such as: Pupil Voice, lesson observations/ learning walks and planning and work scrutiny.</p>	<p>Our children will meet the age related expectations for each of the curriculum subjects throughout their time at Sacred Heart and will make good progress to meet their individual targets from their starting points. This will also be reflected in any statutory assessments undertaken at key points throughout the children's primary education. We aim for our children to be academically and socially prepared for secondary school education and for life beyond.</p>

<p>To provide opportunities across all curricular areas for the development and application of Mathematic skills to help all pupils know more, remember more and understand more.</p> <p>To design a wider curriculum that provides regular opportunities for pupils to use and apply the knowledge skills they have acquired from the Mathematics Curriculum.</p>	<p>The promotion of mathematics is essential to the successful acquisition of knowledge across the curriculum.</p> <p>The promotion of opportunities to use and apply mathematical knowledge throughout school is planned in a variety of subjects set in real life contexts.</p> <p>The promotion and implementation of outdoor learning and external cultural capital experiences provides additional opportunities for children to apply mathematical knowledge in real life situations.</p>	<p>Children will be able to produce written work in all areas of the curriculum of a similar standard which evidence good progress from their last point of statutory assessment point or their starting point in Reception.</p>
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