

St. Bernard's Mathematics Curriculum Intent

OVERALL INTENT We will foster a lifelong love of learning through engaging children in relevant purposeful and exciting child-centred learning. Through varied provision, support and challenge we will support each child in achieving as a learner, developing enquiring minds and as a person - developing social, moral and emotional resilience.

	INTENT	Explanation	SUBJECT SPECIFIC examples
	Social and Moral development	We will pro-actively include social and moral development across the curriculum linking with our mission statement "you are precious in my eyes." We will support children in developing respect for themselves and others and preparing them to be good citizens of the future.	Problem solving skills and teamwork through creative thinking, discussion, explaining and presenting ideas. Experimental and investigation work where children are encouraged to work collaboratively
	Developing Life Skills	We will maintain a focus in our curriculum to develop life skills including resilience, independence, self-motivation, self-awareness, self-esteem, and mental well being	Recognise how logical reasoning can be used to consider the consequences of particular decisions and choices
	Flexible	We will review and adapt our curriculum to meet the needs and interests of our learners. Children's interests and knowledge will be a factor in determining our curriculum.	Pupils to make rich connections across mathematical ideas to develop fluency, mathematical reasoning and competency in solving increasingly sophisticated problems
	Skills based	Our curriculum will focus on skills based learning where our children develop skills that they can use in other topics and other areas of the curriculum	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 exceed their potential
	Practical	Our curriculum will include a wealth of practical learning giving greater purpose and relevance to learning and providing children with the opportunity to learn through doing rather than rote content learning.	To design a wider curriculum that provides regular opportunities for pupils to use and apply the knowledge and skills they have acquired from the Mathematics Curriculum.

	<p>Relevant, Purposeful & Engaging</p>	<p>The curriculum will be grounded in real life experiences which are meaningful to our children. The children will be exposed to issues in the local community, national and international events. Relevant links will be made at every opportunity. Our school family will be encouraged to be independent enquirers and ask Life's Big Questions. They will be exposed to experts in their field, be it staff, other children, visitors or the wider school family</p>	<p>We intend for our pupils to be able to apply their mathematical knowledge to science and other subjects. We want children to realise that mathematics has been developed over centuries, providing the solution to some of history's most intriguing problems.</p> <p>We want them to know that it is essential to everyday life, critical to science, technology and engineering, and necessary for financial literacy and most forms of employment.</p>
	<p>Challenge</p>	<p>We will challenge our children to be the best that they can through careful planning prior to the lessons and also through "in the moment planning."</p>	<p>Ensure the subject of Maths meets statutory requirements of the national curriculum. Continue to monitor staff development in Maths, through classroom observations if appropriate, staff questionnaires, monitoring and feeding back on medium term planning and children's work. Children will explore a range of mathematical investigations where they are challenged and made aware that there may be more than one solution.</p>