



### SMSC in Maths

<b>Spiritual</b>	<ul style="list-style-type: none"><li>● Encourages children to be reflective about their work - making improvements and solving problems.</li><li>● Children can ask mathematical questions, think creatively and make links between maths and the real world around us.</li><li>● We encourage children to relish and enjoy challenge, and show resilience, persistence and courage in their approach to learning.</li></ul>
<b>Moral</b>	<ul style="list-style-type: none"><li>● Encourages children to make rational judgements and express their views with confidence.</li><li>● Children are asked to justify their answers and the methods used, but also be willing to review and alter their initial views.</li></ul>
<b>Social</b>	<ul style="list-style-type: none"><li>● Encourages children to cooperate and work well as a team to solve problems, sensitively challenging the opinions of others when necessary.</li><li>● We aim to develop their understanding of the positive contribution that can be made to society through maths.</li></ul>
<b>Cultural</b>	<ul style="list-style-type: none"><li>● Provide a rich range of experiences, placing maths in real life contexts to develop children's awareness that maths is a life skill in all cultures around the world.</li><li>● Children enjoy cultural experiences such as number activities in Spanish and using practical maths on our enterprise day.</li><li>● We aim to develop community links through maths related fundraising activities and inviting visitors to speak to pupils about how maths is linked to a wide range of careers.</li></ul>

### British Values in Maths

<b>Democracy</b>	<ul style="list-style-type: none"><li>● Children will share a range of strategies to solve problems in various ways, encompassing the mastery approach.</li><li>● In Statistics lessons, children will vote when collecting and interpreting data.</li></ul>
<b>Rule of Law</b>	<ul style="list-style-type: none"><li>● Children will learn specific Mathematical rules and look at these in differentiated variations to ensure they have mastered concepts.</li><li>● Children will develop an attitude that recognises consequences to mistakes when solving problems and look for ways to self-correct.</li></ul>
<b>Individual Liberty</b>	<ul style="list-style-type: none"><li>● Children have the opportunity to make individual choices based on the strategies they are fluent with.</li><li>● They also have the opportunity to share these strategies with others.</li><li>● Each year, all classes have the opportunity to take part in an Enterprise project which allows children to take the lead in learning, expressing ideas and creating a product.</li></ul>
<b>Tolerance of those with different Faiths and Beliefs</b>	<ul style="list-style-type: none"><li>● As children develop a 'Mastery' approach, they will become more fluent with a range of strategies to solve problems.</li><li>● These strategies will come from a range of backgrounds including Singaporean methods.</li><li>● Mathematics encourages children to work in social situations reinforcing our school's values.</li></ul>
<b>Mutual Respect</b>	<ul style="list-style-type: none"><li>● Each child has the opportunity to work through and solve problems collaboratively, looking at similarities and differences between individual styles and approaches.</li></ul>