St Cuthbert's CE Primary School
British Values and SMSC in Maths

SMSC	British Values
Spiritual Through deep thinking and questioning the way which the world works promotes the spiritual growth of students. In Mathematics lessons pupils are always encouraged to delve deeper into their understanding of Mathematics and how it relates to the world around them. **Moral** Pupils will work on various challenges using Mathematics in real life contexts, applying and exploring the skills required to solve various problems. Moral development is achieved by giving pupils the opportunity to be aware of the use and misuse of data in all issues including those supporting moral argument. **Social** Pupils are always encouraged to develop their mathematical reasoning skills, communicating with others and explaining concepts to each other. Experimental and investigative work provides an ideal opportunity for pupils to work collaboratively in lessons.  **Cultural** Mathematics is a universal language with a myriad of cultural inputs throughout the ages. It is important to encourage the teaching of various approaches to Mathematics. We also explore the Mathematics applied in different cultures such as Rangoli patterns, symmetry, tessellations and the Mayan number system.	**Democracy** In Mathematics, we encourage learning and behaviour strategies that allow all pupils a fair chance to answer and to explain their methods. Opportunities to discuss viewpoints are encouraged in Mathematics lessons and the use of data has a significant role in the democratic decision making and influencing change. Mathematics ensures students are respectful to others, and through various forms of mathematical issues, freedom of speech is discussed. **Rule of Law** We have high expectations of all pupils which are made clear in the routines that have been established in Mathematics with regards to acceptable behaviour and the level of work required. We consistently follow the school policy for rewards and pupils are aware that their actions carry a consequence. In Mathematics, children also explore the 'rules' for different mathematical operations and the ways in which failing to follow these can lead to miscalculations. **Individual Liberty** Pupils are encouraged to develop their reasoning skills when analysing mathematical questions which will enable them to think through ideas critically. Pupils discuss choices in terms of future education choices and careers. **Mutual Respect** Pupils are encouraged to believe in their own ability in order to reach their potential in Mathematics. Pupils are taught to recognise their own strengths and areas for development in Mathematics and through collaborative learning they support others whilst developing their own knowledge, skills and understanding. **Respect of those of different faiths and beliefs** At various points in the Mathematics curriculum, pupils in all year groups will study Mathematics from different cultures including tessellating patterns and symmetry. Good working relationships in the classroom and around the school are instrumental in promoting effective learning.

'You are now citizens together with God's people and members of the family of God'.
Ephesians 2:19