

Social development

Problem solving skills and teamwork are fundamental to Mathematics, through creative thinking, discussion, explaining and presenting ideas. Students are always encouraged to develop their Mathematical reasoning skills, communicating with others and explaining concepts to each other. Self and peer reviewing are very important to enable students to have an accurate grasp of where they are and how they need to improve.

We work closely with our local university and secondary schools, where our children have the opportunity to take part in STEM workshops and use their teamwork skills.

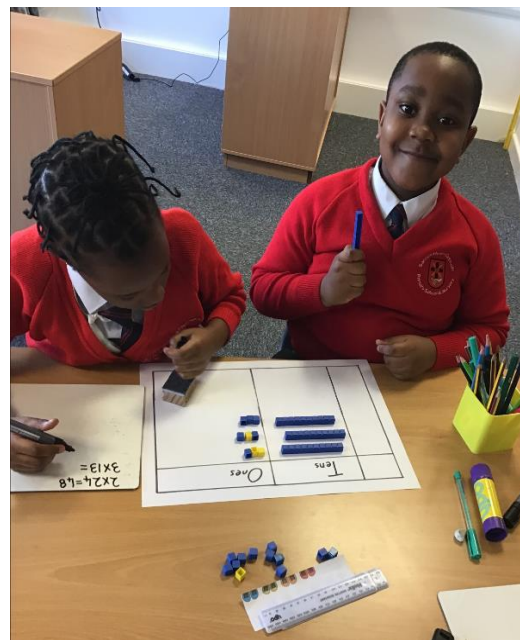
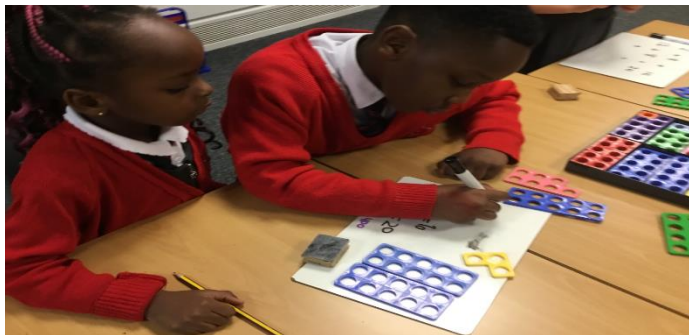


Spiritual development

Developing deep thinking and questioning the way in which the world works promotes the spiritual growth of students. In Maths lessons, students are always encouraged to delve deeper into their understanding of Mathematics by solving problems, reasoning and considering the ways maths relates to the world around them and how they can use their skills in real life.



SMSC in Mathematics



Moral development

Moral development is encouraged in mathematics through ensuring all children try their best and are considerate of other children when answering questions and explaining their thinking. Through the teaching of mathematics at Sacred Heart child is able to develop their listening skills, following instructions and being responsible for their own learning. We promote the importance of growth mindset and that it is important that we give everything a try and learn from our mistakes.

Cultural development

Mathematics is a universal language with a myriad of cultural inputs throughout the ages. We explore the mathematics applied in different cultures such as tessellations and Islamic geometric patterns in art.

All children in KS2 have weekly Spanish lessons where they are taught to count and tell the time in another language.

Through the use of mathematical stories, children also have the opportunity to develop their cultural awareness.