



Distington Community School - SMSC - Maths

Within Mathematics we try to develop the spiritual, moral, social and cultural well-being of the students through the teaching and learning within the lessons and through extra-curricular activities. Our Maths teaching actively encourages risk taking which enables children to explore and try new ideas without the fear of failure. Spiritual Development in Mathematics developing deep thinking and questioning the way in which the world works promotes the spiritual growth of children. In Maths lessons students are always encouraged to delve deeper into their understanding of Mathematics and how it relates to the world around them.

Spiritual development in mathematics:

Mathematics supports pupils' spiritual development by helping them to develop deep thinking and questioning the way in which the world works. Through mathematics children gain an appreciation of the richness and power of mathematics in our everyday lives.

Social Development in Mathematics:

Problem solving skills and teamwork are fundamental to Mathematics, through creative thinking, discussion, explaining and presenting ideas. Children 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. Examples of the social development in mathematics include:

- Times table rock star for Ks1 and KS2.
- Verbal reasoning within lessons of mastery.
- The art of origami
- Peer assessment within lessons.
- SAT's revision groups for the students to help them develop their own reasoning and thinking to solve maths problems, through discussions with peers and teachers alike.

Maths open afternoon – inviting parents in to take part in maths activities around the school.

Cultural Development in Mathematics:

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