SMSC in Mathematics

Through teaching Mathematics, we can also develop children's spiritual, moral, social and cultural development.

Spiritual Development

- To enable each of our students to explore the connections between their numeracy skills and every-day life.
- To develop deep thinking and an ability to question the way in which the world works.
- To see the sequences, patterns, symmetry and scale both in the man-made and the natural world and to use maths as a tool to explore it more fully.
- To understand that there are many areas in Maths and sometimes we may succeed in one, whereas we my struggle in others.

Moral Development

- To use maths skills in real life contexts, applying and exploring the skills required in solving various problems.
- To analyse data and consider the implications of misleading or biased statistical calculations.
- To make choices and understand these may lead to various consequences.
- To question and debate mathematical concepts and share ideas with one another, discussing whether or not methods are 'efficient'.

Social Development

- To use problem solving skills and teamwork through creative thinking,
- To discuss, explain and present ideas.
- To explain concepts to each other and support each other in their learning.
- To become more independent and resilient learners.
- To compete against one another in Times Tables Rockstars, enjoying competition as well as improving fluency.

Cultural Development

- To understand how Mathematics is a universal language with a myriad of cultural inputs throughout the ages. For example, how the zero was created as a symbol which would create place value.
- To understand how various approaches to mathematics from around the world are used and this provides an opportunity to discuss their origins.
- To develop an awareness of both the history of maths alongside the realisation that many topics we still learn today have travelled across the world and are used internationally.