

SMSC in Mathematics

SPIRITUAL DEVELOPMENT

Through regular collaborative work, children are expected to respect the feelings of others when explaining their methods and challenging the ideas of others. The maths curriculum teaches children several life skills such as telling the time, money and reading measures/scales. Problems that are given to introduce maths lessons often have a real-life context. Through exploring journal questions in maths, children are encouraged to explain as many different methods that they could use to solve the problem as they can think of. Through self-assessment at the end of maths lessons, children are encouraged to be reflective on their own learning.

MORAL DEVELOPMENT

Children encounter different types of problems in maths. They come across many problems where there is a right and wrong answer and some problems where there could be several answers. In maths lessons, children develop their reasoning skills through discussions with others. They are encouraged to talk about their learning and listen to the viewpoints of others.

SOCIAL DEVELOPMENT

Children often work with others in mathematics lessons. They socialise by explaining their thinking to each other and listening to the ideas of others. Throughout mathematics children are given opportunities to work collaboratively with others. Reasoning is a key aspect of the maths curriculum where children are encouraged to explain their ideas to others and listen to the viewpoints of others. They have opportunities to challenge the ideas of others if they disagree. When working with others in maths, children are involved with discussions where mutual respect is developed through the explaining and presenting of their ideas.

CULTURAL DEVELOPMENT

Children encounter early counting systems by using tallies. The curriculum includes developing children's knowledge and understanding of Roman numerals. Mathematics is a universal language that is used around the world. Mathematics is used across other curriculum areas. In some PE lessons, children may be expected to record scores or times. Pattern and shape is explored through the Rangoli patterns.