



SMSC Subject Statements

Subject: Maths

Spiritual

- Maths supports pupils' spiritual development by helping them to enhance deep thinking and questioning the way in which the world works. Through maths, children gain an appreciation of the richness and power of mathematics in our everyday lives. For example, sharing the 'big picture' with children at the start of each lesson.

Moral

- Maths supports pupils' moral development through discussion about mathematical understanding and challenging assumptions, supporting children to question information and data that they are presented with. Moral values are also encouraged through peer and self-assessment opportunities. Maths helps children to understand and use rigorous and logical argument and discourage jumping to conclusions when trying to determine the truth. For example, using stem sentences such as I know because

Social

- Maths supports pupils' social development by promoting self-esteem and building self-confidence through coaching other children. Maths encourages collaborative learning in the classroom in the form of listening and learning from each other, paired discussion and working with partners. We help pupils develop their mathematical voice and powers of logic, reasoning and problem solving by offering explanations to each other. We provide events and team maths challenges for increased pupil involvement. For example, supporting NSPCC Number Day, through yearly enterprise projects and TTRockstars competitions.

Cultural

- Maths supports pupils' cultural development by cultivating an appreciation with the pupils that some mathematical language and symbols have been derived from many different cultures around the world: e.g. Egyptian, Indian, Islamic, Greek and Russian roots. Through maths, we investigate and research cross cultural patterns. For example, through exploring tessellation, Roman numerals and hieroglyphs.