

# SMSC- Maths

Spiritual, Moral, Social and Cultural development is promoted across the school in the following ways.



Pupils' spiritual development is shown by:

- Developing an understanding that maths is about thinking and describing, analysing and creating and that the process of mathematics has greatly impacted the world we live in.
- Making connections between pupils' mathematical skills and real life.
- Emphasising that maths can be used to explain the world around us.
- Developing life skills, such as telling the time, reading measurements and scales taught in exciting, relevant lessons.



Pupils' moral development is shown by:

- Through **encouraging** mathematical reasoning, where pupils are encouraged to talk about the process of their learning.
- Engaging pupils to have **respect** and **teamwork**; understanding how having unequal shares of resources, why might someone be upset if they received less than other people?
- Reflecting on data that has moral and ethical implications; for example, 'do we have enough doctors for the population?' 'Do we have enough school places for children in the next 5 years?'



Pupils' social development is demonstrated by:

- Engaging in peer assessment, pupils are given the opportunity to discuss and improve their work with others.
- Having the ability to share resources within the classroom, the negotiating of responses and group problem solving.
- Using a real world hook wherever possible, in order to make maths learning relevant and exciting for pupils



Pupils' cultural development is shown by:

- Introducing early counting ideas in KS1 from other countries e.g. Tallies.
- Asking questions about the history of maths; for example, 'what did the Greeks discover that we still use in maths today?'
- Investigating and researching cross cultural patterns e.g. Islamic tiling.
- Learning about ancient forms of the number system such as Roman numerals.