



SMSC in Mathematics Morven Park Primary School

Mathematics	We promote spiritual development by...	We promote moral development by...	We promote social development by...	We promote cultural development by...
	<p>Making connections between mathematical skills and real life e.g. money raised during each week of fundraising for a charity.</p> <p>Encouragement of the wonder and awe of the beauty of mathematics, the simplicity of mathematics, the complexities of mathematics, the particular qualities of mathematics.</p> <p>Helping children obtain an insight into the infinite, and through explaining the underlying mathematical principles behind natural forms and patterns in both the man-made and natural world.</p>	<p>Helping children recognise how logical reasoning can be used to consider the consequences of particular decisions and choices and helping them learn the value of mathematical truth.</p> <p>Engaging children playfully; for example, in unequal shares of resources.</p> <p>Reflecting on data that has moral and ethical implications; for example, the percentage of people suffering from hunger around the world; the amount of rainfall in different countries and how this affects people's lives.</p> <p>Asking questions such as 'Why do we need to learn about this?'</p>	<p>Sharing of resources within the classroom.</p> <p>Negotiating roles within group work and problem solving.</p> <p>Analysing social data e.g. poverty, bullying.</p> <p>Giving opportunities for teamwork and helping children to see that the result is often better than any of them could achieve separately.</p> <p>Encouraging self and peer review.</p> <p>Allowing pupils to act as mentors to other pupils.</p> <p>Competing with pupils across the globe on Mathletics and on Times Table Rockstars.</p>	<p>Asking questions about the history of maths e.g. What did the Greeks discover that we still use in Maths today?</p> <p>Learning about discovery's made by Mathematicians e.g Eratosthenes' Sieve, Fibonacci's Sequence.</p> <p>Learning about patterns from around the world e.g. Islamic art, Rangoli patterns.</p> <p>Learning about foreign currency and using conversion tables and graphs.</p>