

Curriculum Opportunities for SMSC

Curriculum Area - Numeracy

Opportunities for spiritual development	Opportunities for moral development	Opportunities for social development	Opportunities for cultural development
<p>Through mathematics children can enjoy the pleasures and rhythms of counting.</p> <p>Pupils are able to appreciate the beauty of maths including exploring underlying mathematical principles behind natural forms and patterns eg the symmetry of snowflakes.</p> <p>From being challenged daily, children can critically think and reflect on their experiences.</p>	<p>Pupils are engaged in considering moral issues such as unequal share of resources and whether this is right or wrong.</p> <p>There is the opportunity in Key Stage 2 for the children to explore more ethical issues such as gambling/lotteries in relation to odds and probability.</p> <p>Children are exposed to how statistics are presented and how they may be manipulated to promote different opinions (including those that are biased).</p>	<p>Children take part in various projects using mathematics in real life contexts, applying and exploring the skills required to solve problems.</p> <p>Pupils are able to work collaboratively during lessons and discuss their thoughts and feelings.</p> <p>Children can explore social issues through activities that use maths e.g. population growth, poverty, capitalism, bullying etc.</p>	<p>Children learn about number systems used by other countries and how Roman numerals are used in modern life.</p> <p>Children can recognize that mathematicians from many different cultures have contributed to modern day maths.</p>

