

SMSC and British Values through Maths

<u>SPIRITUAL</u>	<u>MORAL</u>	<u>SOCIAL</u>	<u>CULTURAL</u>	
Deep thinking in Maths is developed about the way in which the world works through promoting spiritual growth A sense of power and wonder at Maths Maths in nature Outdoor Maths Reflecting on own learning and also through peer marking is encouraged	Listening to others views in mathematical discussions is valued Discussion is promoted about mathematical understanding and challenge assumptions, supporting students to question information and data that they are presented with.	Collaborative learning is encouraged in the form of listening and learning from each other in whole class / grouped / paired discussion. Children are encouraged to reason verbally and work together to explain how the problem can be answered / solved. Pupils are helped to develop their mathematical voice and powers of logic, reasoning and explanation by offering explanations to each other.	Maths is incorporated into cross-curricular subjects	
<u>DEMOCRACY</u>	<u>RULE OF THE LAW</u>	<u>INDIVIDUAL LIBERTY</u>	<u>RESPECT</u>	<u>TOLERANCE</u>
Looking at data in different ways	Develop an understanding of rules and patterns Maths is driven by rules, children are encouraged to understand this. Through mathematical investigations children are encouraged to develop their own rules and encouraged to give examples of these	Choice of maths activity Develop methods and strategies Choose preferred way of working	Respect others ideas and answers	Understand that people will do things in different ways Paired work / teamwork Building on mistakes – building up resilience by trying different methods