SMSC and British Values– Maths

SMSC	
Spiritual	Use imagination and creativity to explore ideas while learning mathematics by: identifying and applying patterns and rules to everyday problem-solving; writing own problems and challenges that use those patterns or rules.
Moral	Understanding the consequences of actions: e.g. If you perform a particular action to one number, will the same outcome apply to other numbers? Is it always the case? 'Sometimes, always, never' statements.
Social	Developing personal qualities and using social skills: working in pairs or groups to solve problems; perseverance when struggling to answer questions; not being afraid to try – it's ok to be wrong, it's not ok not to try; taking turns when playing maths games. Participating, co-operating and resolving conflicts: as above, but also 'X thinks ____, Y thinks ____, who is right?' type questions.
Cultural	Understanding and appreciating personal influences: taking into account other people's views and understanding how to express own views. e.g. How to explain to someone where they may have gone wrong in a question.

British Values in Maths	
Democracy	Take into account the views of others in shared activities. Voting when collecting data.
Rules and Law	Undertake safe practices, following class rules during tasks and activities for the benefit of all. Understand the consequences if rules are not followed. Understand that in mathematics rules apply e.g. BODMAS, when calculating and using algebra.
Individual Liberty	Use maths to learn about different faiths and cultures around the world. e.g. looking at patterns/shapes within Islam / Hindu religions. To know that different time periods and cultures used different number systems e.g. roman numerals
Mutual respect and tolerance of those with different faiths and beliefs.	To behave appropriately, allowing all participants the opportunity to work effectively. Take turns and share equipment. Review each other's work respectfully. Work collaboratively on projects/problems, help and advice others.