



SMSC in Mathematics 2025-26

Spiritual development in Mathematics is promoted by encouraging students to appreciate the beauty, order and coherence of mathematical patterns and structures. Teachers foster this through engaging explanations, thought-provoking questioning and opportunities for independent and reflective thinking. Activities such as challenging problem-solving, investigations and **DIRT (Dedicated Improvement and Reflection Time)** after mocks allow students to reflect on mistakes and recognise progress. Department-led Maths events, celebrations and supportive **exam revision and intervention sessions** motivate and inspire students, helping them develop resilience, confidence and a sense of achievement in their mathematical journey.

Moral development in Mathematics is supported by fostering a culture of honesty, integrity and responsibility in learning. Teachers model and reinforce high expectations through accurate marking, clear success criteria and constructive **feedback**. Students are encouraged to check their work carefully, respond to feedback during lessons, and take responsibility for improving outcomes after assessments and mocks. **Peer assessment**, discussion and participation in **lessons** promote fairness, respect for rules and ethical behaviour. Checking for understanding and praise is used effectively to recognise effort, perseverance and positive attitudes to learning.

Social development in Mathematics is embedded through structured **peer work**, group problem-solving and whole-class discussion. Teachers encourage students to ask and answer questions, explain their reasoning and listen respectfully to others' ideas. Collaborative activities in lessons, alongside department initiatives such as **National Number Day** activities, whole-school **assemblies**, and **after-school revision and support sessions**, promote teamwork, communication skills and mutual support. Teachers motivate and engage students through inclusive teaching strategies that build confidence and encourage active participation.

Cultural development in Mathematics is promoted by recognising mathematics as a universal language shaped by diverse cultures and societies. Teachers incorporate historical and global examples into lessons, where possible, highlighting contributions from mathematicians across different cultures. Classroom discussion, questioning and real-world problem contexts help students understand how mathematics is used internationally. Events such as **Pi Day**, **National**

Number Day, Cross-curricular days and involvement in the **UKMT Maths Challenge** celebrate mathematical culture and achievement for all abilities, while positive feedback and praise help students value mathematics as a shared human endeavour that connects people worldwide.