

SMSC in Maths – Hartwell Primary School

Spiritual development

At Hartwell, we use maths to support our children's spiritual development by helping them to develop deep thinking and question the way in which the world works. We want them to feel delight when they have shown resilience and are able to solve questions they once found difficult to solve. Mathematics helps children to make informed decisions in life, based on the skills and confidence gained from choosing the most appropriate method in solving problems. These skills are transferable to real-life situations and therefore help the children become more reflective, responsible and insightful individuals.

Moral development

Moral development is supported through discussion about mathematical understanding, challenging assumptions and supporting children to question information and data that they are presented with. We provide reasoning opportunities where the children are encouraged to prove their answer and give reasons for their thoughts. This allows them to evidence their views not just in maths but in the wider world.

Social development

At Hartwell, self-esteem and building self-confidence is integral to social development and we use metacognitive strategies to support this. Collaborative learning is encouraged at Hartwell in the form of listening and learning from each other. Working cooperatively enables the children to think for themselves and promotes the retention of new learning. The children are able to see the benefits of working together as a team and they understand that collaboration is key to success.

Cultural development

Maths supports pupil's cultural development by developing an appreciation that mathematical language and symbols have developed from many different cultures around the world. In EYFS/KS1, children begin to understand the importance of counting and explore early counting ideas from other countries, such as tallies. In KS2, children explore more developed number systems, such as Roman numerals, Egyptian hieroglyphics and imperial and metric measurements. This supports the children to realise how our counting system has developed throughout the ages and shaped the decimal system that we use today.