



## Mathematics SMSC Statement

### Life in all its Fullness John 10:10

At Halam C of E Primary School, our Mathematics curriculum—based on the **White Rose Maths** scheme—develops not only fluency and reasoning but also character, collaboration and curiosity. Rooted in our Christian vision and Halam 'APPLE' values, Maths provides children with opportunities to wonder, reflect, explore fairness, build confidence, and celebrate the universal language of numbers and patterns.

#### Spiritual Development

Mathematics promotes spiritual development by encouraging pupils to explore the beauty, order and complexity of the world through number, shape, and pattern. Pupils are invited to experience awe and wonder in the precise structure of mathematics—from symmetrical designs in nature to the infinite possibilities of numbers. They develop perseverance, self-reflection, and a sense of purpose as they overcome challenges and grow in confidence.

#### In Mathematics at Halam, children:

- Use imagination and creativity in Shape and Space (e.g. creating symmetrical patterns or tessellations)
- Reflect on how mathematics describes the natural world with elegance and consistency
- Experience a sense of wonder through the exploration of patterns, sequences, and mathematical connections
- Develop resilience and self-worth through solving problems and reasoning independently
- Learn that mathematics is a God-given tool that helps us understand and steward creation

#### Moral Development

Mathematics fosters moral development by teaching pupils to be honest, fair and responsible in their thinking and actions. Pupils learn the value of accuracy, truth and



logical reasoning. Topics such as data handling, statistics and money encourage ethical decision-making, as pupils consider real-life contexts and consequences.

#### **In Mathematics at Halam, children:**

- Learn the importance of precision, honesty and integrity when calculating or presenting data
- Explore fairness through practical tasks involving sharing, fractions and proportional reasoning
- Reflect on how mathematical knowledge can be used responsibly in the world (e.g. data privacy, financial decision-making)
- Understand that mistakes are part of learning and must be faced with honesty and effort
- Engage in discussions that highlight justice and equity, such as comparing income or access to resources

#### **Social Development**

Maths encourages social development by promoting communication, cooperation and mutual respect. Pupils often work in pairs or groups to explore problems, explain their reasoning, and compare strategies. These collaborative opportunities strengthen their ability to listen, support peers, and value different approaches to a shared goal.

#### **In Mathematics at Halam, children:**

- Work together to solve problems, share methods and refine reasoning
- Support one another in mixed-ability groupings, building confidence and fostering empathy
- Celebrate progress and learn from mistakes as a team
- Take part in practical and real-life investigations (e.g. measuring, budgeting, collecting data) that require cooperation
- Learn how mathematical models can help people make wise, collective decisions in society



### **Cultural Development**

The cultural roots of mathematics are rich and global. Children at Halam explore how mathematical concepts have been shaped by different civilisations and how these ideas connect us across time and place. From Roman Numerals to Islamic geometric art, they see maths as a shared human achievement that transcends language and nationality.

#### **In Mathematics at Halam, children:**

- Study historical number systems, such as Roman Numerals.
- Explore how cultures have contributed to geometry, measurement, and navigation
- Appreciate that maths is a universal language that bridges cultural differences
- See maths as a tool for global citizenship, helping to understand issues like population, resources, and change