



Our Journey Model

St Thomas More

Fluency of
facts,
concepts,
procedures
and
mathematical
language

Mathematical
Reasoning

Problem
Solving

What does Maths look like at St Thomas More?

At St Thomas More, every child is on a mathematical journey that encourages them to think independently and raise questions about working mathematically and the knowledge and skills that it brings.

Our journey model:

- Enables learning in mathematics to be through a mastery approach, where you journey from the concrete to pictorial then finally abstract.
- Begins with fluency in key mathematical skills.
- Teaches excellent mathematical knowledge and understanding which is demonstrated through talk, questioning, problem solving and reasoning.
- Helps you develop an understanding of recording mathematical processes.
- Is taught by teachers that encourage children to have a growth mind-set and to have confidence in their own abilities.
- Teaches you about resilience and gives you a sense of personal pride in your own achievements at the end of every lesson/unit/term.

Why is it important to learn Maths?

- Maths is an essential skill that enables us to live an independent life.
- It teaches us how to make sense of the world around us, whether it be: calculating the total amount of money we need to purchase items, knowing what time to meet a connecting train or weighing precise amounts of ingredients when following a recipe.
- Maths helps us to develop problem solving and reasoning skills that allow us to solve a variety of problems.
- Mathematics is a creative and highly inter-connected discipline, that teaches us skills and knowledge that we use in other subject areas.

