

MATHS

What does Maths look like at The Roebuck School?

At The Roebuck School, we ensure that children are taught skills and concepts in small steps to enable all children enough time to grasp topics thoroughly before moving on.

Through variation in learning, we encourage children to think about calculations and problems in different ways and use prior learning to assist them.

Adults at The Roebuck have consistently high expectations of our children and use differentiated questioning to challenge children's understanding.

Adults can often be heard asking questions such as:

- Why did you do that?
- Can you explain the process?
- Is there another way that you can do that?
- How do you know? Can you explain?

This gives our children the opportunity to deepen their thinking and reasoning skills.

We aim to develop:

- A positive attitude to mathematics as an interesting and valuable subject
- An understanding of mathematics through a process of enquiry, reasoning and problem solving
- A range of learning strategies: working both cooperatively, collaboratively and independently
- Confidence in mathematics where children can express ideas fluently and talk about the subject using mathematical language
- An understanding of the importance of mathematics in everyday life

What do our children say about Maths?

Why is Maths important?

Mathematics is an essential skill that is integral to many aspects of everyday life. By providing our children with real-life learning experiences and opportunities, we can prepare them for many situations outside of school.

Maths helps to develop skills in reasoning and problem solving and enables us 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.

As such, we try to ensure that our children leave The Roebuck being money-smart and confident to deal with the challenges the world presents.