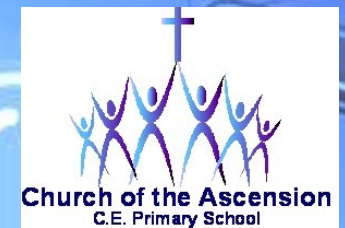


Maths at Church of the Ascension Primary School



What does Maths look like at Church of the Ascension?

At Church of the Ascension the intent of our mathematics curriculum is to design a curriculum, which is accessible to all and will maximise the development of every child's ability to thrive as individuals and succeed in academic achievement.

At Church of the Ascension children come into school with varied experiences of maths. We therefore have created a curriculum that caters for all children, challenging the higher attaining children and supporting the lower attaining children.

Our curriculum can be flexible depending on a cohort of children so that we can nurture and support all members of our community. We deliver lessons that are creative and engaging. We want children to make rich connections across mathematical ideas to develop fluency, mathematical reasoning and competence in solving increasingly sophisticated problems.

We intend for our pupils to be able to apply their mathematical knowledge to science and cross curricular subjects. We want children to realise that mathematics has been developed over centuries, providing the solution to some of history's most intriguing problems.

We want them to know that it is essential to everyday life, critical to science, technology and engineering, and necessary for financial literacy and most forms of employment. As our pupils progress, we intend for our pupils to be able to understand the world, have the ability to reason mathematically, develop resilience, have an appreciation of the beauty and power of mathematics, and a sense of enjoyment and curiosity about the subject.

Maths gives us hope that every problem has a solution.

Examples of Learning:

We primarily use White Rose maths scheme to develop the use of concrete, pictorial and abstract approaches before moving onto fluency, problem solving and reasoning. We create a rich a rich, inquisitive learning environment for the children. We want each child to feel confident in mathematics and be able to choose which model suits them to solve calculations and problems. We understand that not all children work at the same pace and children come into school at different starting points, so the teaching staff have the flexibility to spend longer on fluency if it is needed or less time on fluency and more time on problem solving and reasoning, depending on the cohort. We aim for children to build on knowledge each year whilst still being able to practise previous year groups' objectives. As well as their daily maths lessons, the children will complete a quick recall of number facts/calculations that are developed over time as the objectives are taught (including recall of previous year group facts).

Quotes from Children

Maths is my favourite subject and constantly challenges us. Maths is very enjoyable and the teachers do an amazing job.

I find it fun and well planned. I'm excited for my next arithmetic test.

I love Maths as there are so many different topics and if we don't understand something our teachers explain it to us in lots of different ways.

Maths is the best subject. It is something people are excited about the second they enter the classroom in the morning.