

## **Maths Intent**

We have adopted a mastery approach for the teaching of mathematics. This allows all pupils to move through the programmes of study at broadly the same pace. Underpinning this, is the belief that all pupils can achieve in maths. It will maximise the potential of every pupil's ability and academic achievement. It will develop their confidence and competence.

Our main aims for all pupils are:

- To become fluent in the fundamentals of mathematics.
- To be able to reason mathematically
- To successfully solve problems by applying their mathematics knowledge

Our intent is that pupils who grasp concepts rapidly should be challenged. They will be offered rich and sophisticated problems before any acceleration through new content. Those who are not sufficiently fluent with earlier material should consolidate their understanding. Mathematical skills are embedded within maths lessons. They are developed throughout the school consistently over time. We are committed to ensuring that mathematics mastery places emphasis on building essential knowledge and skills in mathematics year on year. We ensure pupils have access to a range of physical, manipulative and pictorial resources to help them apply their learning. Pupils have an understanding of how maths is essential to many aspects of everyday life.

We strive to have a culture where the pupils have a love of maths. We do this by inspiring pupils' curiosity about the subject through challenges and the wider curriculum.

We encourage and develop our pupils' knowledge of times tables. We introduce exciting ways to learn these facts. The pupils enjoy participating and challenging themselves and others. The use of supporting resources helps to build competitiveness and drive the pupils to learn these basic skills. These are then woven into their daily life within school and it is our intent that pupils are fluent in times tables up to 12 by year 4.

Our intent is that pupils will build on their prior learning in Key Stage 1 to help them master approaches and solve sophisticated problems. We ensure that all pupils continue through the key stage, on their mastery journey, with curiosity and excitement. We ensure this is frequently applied in their lessons. Our mission is for all pupils to successfully leave our academy prepared to continue on the mastery journey into Key Stage 3.