

## **Curriculum Statement for Maths**

### **Maths Intent**

At Highbury, the intention of the Maths curriculum is to engage, inspire and challenge children, equipping them with the knowledge and skills to become confident, fluent and problem solving mathematicians. Children will have the key knowledge and skills in mathematical concepts to build upon in the next stage of their education. Children will enjoy their Maths learning as they investigate and enquire about mathematical concepts. The maths curriculum is underpinned by the expectation that all children 'can do' Maths. Children from all backgrounds, including disadvantaged, will experience a rich variety of experiences in order to achieve a sound understanding of key Mathematical concepts. The Maths curriculum will aim to achieve academic excellence by ensuring each pupil has opportunities to fulfil their potential.

### **Implementation of Maths**

At Highbury the Maths curriculum adopts a Teaching for Mastery approach, where the expectation is that all children 'can do' Maths. The curriculum for each year group is mapped out across the whole school using the National Curriculum expectations and guidance. Mathematical concepts are taught in small coherent steps across the year and previous year group learning is built upon. Learning is supported throughout by practical resources alongside pictorially representations. Precise Mathematical vocabulary is taught explicitly and progressively. Maths teaching will be vocabulary rich and will be referred to and used across the curriculum. Making links between concepts and previous learning will be a key feature. Collaborative work in Maths will develop children's confidence and inter personal skills, alongside opportunities for independent work. Problem solving and reasoning tasks will develop the children's resilience and critical thinking skills and real life contexts will be used to achieve this. All children will be challenged in Maths and the appropriate support or further challenge will be given to ensure every pupil fulfils their potential.

### **Impact of the Maths curriculum**

Children will be fluent in key number facts and be able to apply these to solve problems and reason mathematically. Children will have a positive attitude and growth mindset towards Maths. Their experience of Maths will develop resilience and critical thinking skills. They will have the confidence and skills which will enable them to be ready for the next stage of their learning at Highbury and when they leave to start their secondary education

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