



How is success in mathematics promoted at Beardall Fields?

At Beardall Fields we believe every child has the potential to succeed in Mathematics. We teach a 'Mastery' approach which means the whole class works on the same concepts at the same time, building confidence, knowledge and skills in small, logical steps. We follow the Power Maths scheme which is recommended by the Department for Education in supporting this mastery approach.

How do we inspire mathematical fluency at Beardall Fields?

Counting and the teaching of core mathematical number facts is at the heart of every maths lesson. Not only is this the foundation to succeeding as a mathematician but it is fun and enjoyable – exactly what maths should be.

Our Fluency Progression Document outlines the expectations for all children for the number facts and/or times tables they should know during their education at Beardall Fields.

Daily taught counting sessions emphasise the three components that lead to fluency: Efficiency, Accuracy and Flexibility. Number fact proficiency is assessed through our weekly 'Going for Gold' assessment. This is directly linked to our Fluency Progression document and is split into 3 categories: Bronze = Previous (recap), Silver = Current (including weekly focus number fact) and Gold = Future (move from counting to using a strategy from known facts).

This allows children opportunity to both consolidate knowledge as well as challenge themselves through developing increasingly efficient strategies.

How do we ensure children who may be working behind age related expectations are identified and given appropriate support?

Mastery Checkpoints

To support pupils in KS2 who may not be secure in their maths learning from previous years, we take part in a weekly 'Mastery Checkpoint.' These take the form of 10 minute 'checks' which allow pupils opportunity to embed their understanding of maths outside some of the core areas. The questions for each set are repeated, allowing greater confidence and understanding to be built week on week.

Key Skills

Basic arithmetic skills are embedded through a daily 'Key Skills' session. The content of these are taken from the relevant year groups 'Key Skills' document which are viewable on our website. Children who are not yet secure in these skills are supported by teaching staff.

How do we challenge our most able mathematicians?

Power Maths is designed to promote deeper thinking within the mathematical concept that is taught. Every lesson children are encouraged to use efficient methods, solve problems in different contexts and show secure understanding of the mathematical structures.

Going for Gold promotes intelligent practice and this is further enhanced through teacher questioning.