



## All Saints Church School

### SUBJECT Intent, Implementation, and Impact Statements

Jesus says...

*'All things are possible if you believe'*

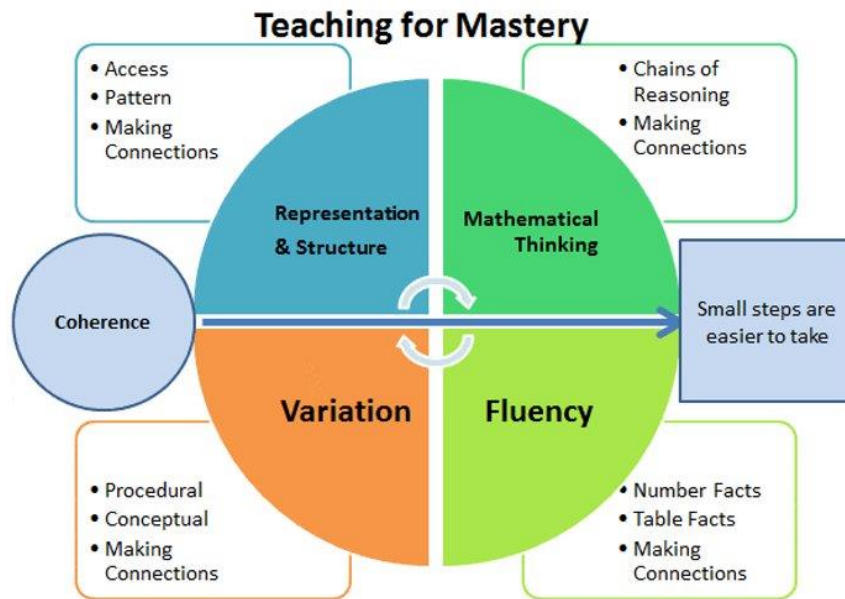
Mark 9:23

#### Intent:

Mathematics is powerful and enables people to solve complex problems; it unlocks doors, breaks down barriers and offers opportunities. At All Saints Church School, we believe that everyone can be a mathematician. Students will develop as mathematicians through carefully planned and sequenced learning that engages, inspires and develops our pupils' abilities to articulate their thinking. They will be able to draw on strategies taught to help them understand, apply and reason mathematically.

#### Implementation:

At All Saints Church School, maths is an integral part of our curriculum, with daily maths lessons at all stages. We ensure children are fluent in the basic, fundamental skills of mathematics. We have adopted the Mastery approach, ensuring that we implement the five big ideas; Representation and Structure, Mathematical Thinking, Fluency, Variation and Coherence. In doing so, we are promoting the best possible outcomes for our pupils.



*Automaticity of number facts is embedded from an early stage and built upon throughout the child's learning journey so that they develop confidence and can apply their knowledge. This is done through modelling of quality mathematical language, the use of stem sentences and carefully planned small steps which scaffold all children to be able to excel.*

*At All Saints we value evidence informed practice in order to deliver the best pedagogical approaches. Therefore, we have embedded the Mastering Number approach from the beginning of reception and throughout KS1 so that pupils develop fluency in calculation and a confidence and flexibility with number. This continues through Ks2 via the use of Times Tables Rock Stars, Times Tables Ninjas and daily practice of mixed multiplication facts to develop mental maths skills.*

*Our maths curriculum is informed by White Rose Maths, which ensures clear progression in skills across the year groups and regular revisiting of concepts so that the learning embedded in long-term memory. This approach enables the pupils to consolidate their understanding of mathematical concepts thoroughly, using the Concrete, Pictorial and Abstract (CPA) approach.*



Every classroom is equipped with a range of resources to enable representations to be in the daily diet of maths.

### Impact:

At All Saints, children have told us that they enjoy maths and think of themselves as mathematicians. They are keen to celebrate their learning with adults and are proud of their achievements. Pupils achieve well at EYFS, KS1 and KS2 checkpoints. They are able to articulate their thinking and apply reasoning skills to problem solve. This is also evident in other areas of the curriculum.