

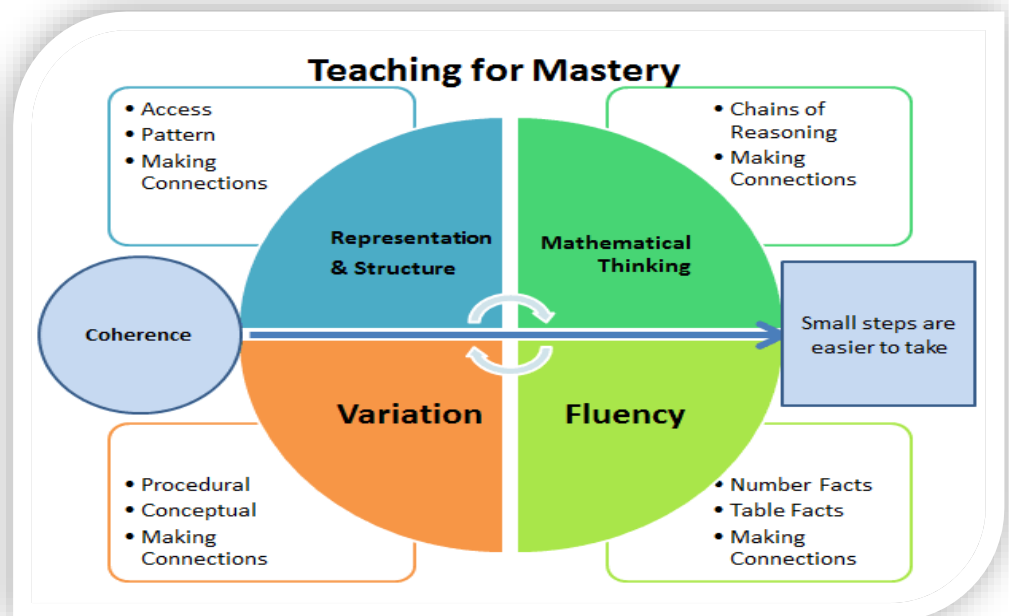
Maths Vision Statement

Maths is an essential life skill which permeates all aspects of life and allows us to contribute and succeed in the modern world. At Silver Springs, we believe that every child can achieve in maths and we will

empower our children with a confidence and 'can do' attitude which will inspire and engage them as mathematicians. This will be achieved through 'quality-first' teaching and a curriculum which challenges and supports learning. We recognise maths as a creative subject which looks for patterns, makes connections and finds new ways to look at the world; our children will be able to relate this to practical and 'real life' contexts. All adults in school will have a positive attitude towards maths and will champion the subject within the wider community.

Our curriculum will focus on developing a strong sense of number, fluency and the skills which will lead to mastery. This will allow our children to identify patterns and use a range of creative and flexible approaches to solve problems and calculations. The mastery curriculum will allow learners to secure a deep understanding of mathematical concepts which will establish a solid foundation upon which further learning can be built. We see Maths as another language that children can develop fluency in: knowing which skills and procedures are required to solve a problem and having the Mathematical toolkit alongside a positive mindset to tackle it.

Classes will, as far as possible, be taught together and move on together. There will be clear and consistent progression in lessons which will allow mathematical skills to build. Additional provision and pre teaching will allow all children to access this learning and develop their understanding.



In our maths lessons you will see:

- Quality first teaching
- A can do attitude from learners
- The use of high quality questioning to develop understanding
- The use of misconceptions to further understand concepts, in particular explaining errors
- The use of concrete materials throughout the school to support understanding
- Pupils learning and discussing mathematical concepts together, thinking critically and justifying
- Opportunities to revisit and secure previous learning when teaching new concepts
- A wide consistent style of teaching and methods tailored to the topic and the children based on the understanding of using the concrete-pictorial-abstract representations of mathematical concepts.
- Learners being given the opportunity to develop fluency in lessons
- Pupils being given the time to secure knowledge and understanding or go deeper and gain an understanding of greater depth.