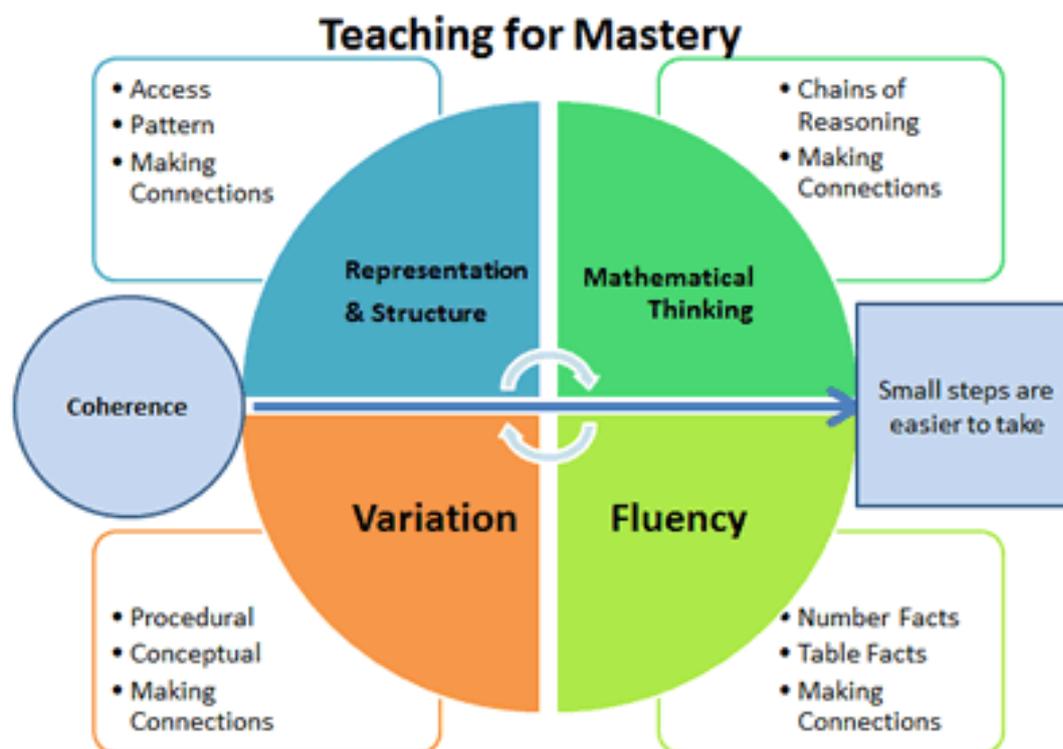


## What is Maths Mastery?

Maths Mastery is an approach to learning which enables children to adopt a deep, secure and adaptable understanding of the key areas of mathematics. Maths is about going deeper and understanding the process, not just finding the answer or accelerating onto new content. Through a mastery approach, there is challenge for all, meaning that all children are completing the same work but still with scaffolding in place. By exploring different methods through concrete resources and pictures, children become confident in understanding the abstract. At Worplesham we encourage children to find patterns, make connections and be able to explain their reasoning. In our teaching, we include aspects of the 5 big ideas to support the teaching of a maths mastery lesson.

### The 5 big ideas of Maths Mastery:

- Coherence
- Variation
- Fluency
- Mathematical thinking
- Representation and Structure.



### Why do we teach it?

Maths can be a bit like marmite, some people love it and others do not. It is very easy for children to have a negative maths mindset because they are worried about making mistakes or not understanding the task. Maths Mastery gives children the tools to explore with maths strategies that work for them, make mistakes without

feeling judged and understand the connections between what they're learning and everyday life.

### **Summary of Maths Mastery:**

- The class working together on the same topic
- Speedy teacher intervention to prevent gaps
- Challenge provided by going deeper not accelerating
- Focused, rigorous and thorough teaching
- More time on teaching topics – depth and practice
- Children finding strategies which work for them.

### **How can I support my child in maths at home?**

- Build on their knowledge through games, songs and puzzles.
- Use maths in everyday life (telling the time, time taken to travel to places, cooking measures, folding napkins into shapes, money when shopping, cutting and serving food for fractions)
- Use pictures and physical resources that you have at home.
- Regular times tables practise to develop fluency and confidence.
- Talk about days of the week, weeks in a month, months in a year.
- Remind them that mistakes are good and help make their brains bigger!