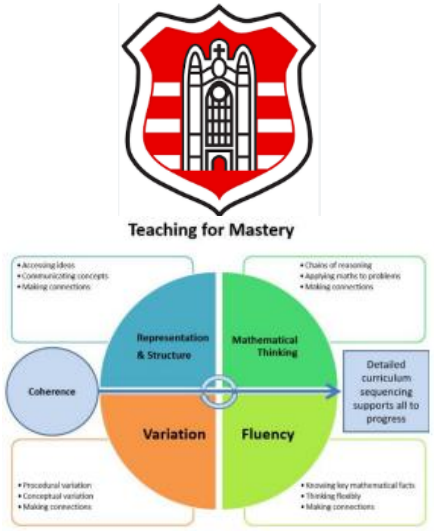
Maths at Abbeys Primary School

At Abbeys we follow a teaching for Mastery approach guided by the White Rose Maths and Mastering Numbers schemes. We also have daily fluency lessons called Maths Meetings which focus on the consolidation of fluency in number facts.

Intention

Our children will leave our school:

- As confident mathematicians with a passion for the subject.
- Being fluent in the fundamentals of Maths.
- Having a strong understanding of mathematical vocabulary.
- With the ability to generalise, reason and problem solve.
- With the ability to make connections between important concepts.



Planning

Maths planning follows the National Curriculum and teachers use planning materials from White Rose Maths, Mastering Numbers and NCETM to support this. Teachers identify prior learning, and introduce key mathematical vocabulary—including STEM sentences-,, structures and representations to build children's understanding and minimise potential misconceptions so children can take small steps to support them discover the underling mathematical patterns and structures.

What learning looks like

- Teaching whole class together enables all children to access the learning.
- Lessons build on prior learning and focus on small steps.
- Chunked learning takes place: 'I do, We do, You do' approach is used to model and scaffold the learning.
- Precise and accurate mathematical language is used by both adults and pupils.
- STEM sentences are used to support learning and expose connections.
- Choral and rehearsing of key points help pupils to internalise learning.
- Children are encouraged to answer in full sentences to explain their thinking and reasoning.
- A Concrete Pictorial Abstract approach with different representations.
- Common misconceptions are planned for to draw attention to the key learning.
- Children are actively encouraged to seek patterns and share what they notice within their learning.
- Children requiring support are kept with the teacher or TA for further guided practice.