

Maths at Yealmpton Primary School

We all have a central belief - Everyone can do Maths!

We believe in the following core principles -

1/ Whole class teaching

The whole class works together on the same content at the same time, to ensure all children can master concepts before moving on, allowing no pupil to be left behind. Rapid graspers are challenged through enrichment not acceleration.

2/ Coherence

Lessons are presented in small steps, with a focus on 1 key point to be mastered in the lesson

3/ Critical Thinkers – Mathematical Thinking

Ideas are introduced through problems. Ideas need to be worked on, thought about, reasoned with and discussed. Children share ideas and make their own judgements, developing critical thinkers and active learners

4/ CPA – Representation and Structure

Understanding is developed through the concrete, pictorial and the abstract. Representations develop understanding of structure. Children develop their understanding through visualisation not memorization

5/ Variation

Variation is developed through intelligent practice, where the essential features of a concept are highlighted through varying the non-essential features

6/ Fluency

In the small steps of a sequence, children develop an efficient recall of facts and procedures. They are encouraged to recognise relationships and make connections from a developing toolkit of methods, strategies and approaches