

Curriculum Overview: Maths

INTENT t are we trying to

- •At Avonwood, we aim to equip all children with number sense, conceptual understanding and procedural fluency.
- By the time they leave for secondary school, our children can reason confidently about their mathematical choices, calculate accurately and efficiently and solve contextual problems.

IMPLEMENT How do we organise learning?

- •At Avonwood, our mathematics pedagogy is underpinned by the principles of teaching for mastery and informed by educational research.
- •Learning will happen through coherent small-step delivery, careful modelling and skilful questioning.
- •Learning will involve recalling key mathematical factual knowledge, retreiving prior material and representing mathematical structure with manipulatives and pictorial representations.

IMPACT How do we judge our success?

- At Avonwood, test outcomes in mathematics provide a key measure of success for our curriculum content and our curriculum delivery.
- Secure, successful learning is assessed through talking to children about their understanding of mathematics.

Signature Pedagogies

Retrieval through Mini Quizzes

Visualisers

Modelling of procedures

Representations & manipulatives

Cold calling

Probing questioning

Checking for understanding