



Maths at Wrangle Primary Academy



Wrangle Curriculum Drivers We want our children to be:

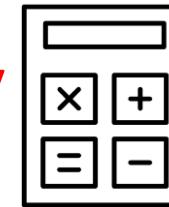
Knowledgeable – knowledge and skills are shared with the children and prioritised in the teaching process. Knowledge is added to and built up over time. Committing facts and skills to long term memory is a key element within lessons. Children are able to link their learning of skills and knowledge across curriculum areas and back to prior learning.

Curious – Mathematics is an important creative discipline that helps us to understand and change the world. We want all pupils at Wrangle Primary Academy to experience the beauty, power and enjoyment of mathematics and develop a sense of curiosity about the subject with a clear understanding. Children will have opportunities ask questions in Maths and will be given opportunities to discuss and explore the various areas within Maths.

Aspirational – We want our children to be the best that they can be. Within Maths lessons we adopt a 'Mastery' approach and the vast majority of children access Maths lessons with their year group, moving through the content at broadly the same pace. When necessary, Children with SEN are supported through scaffolding, adaptations and equipment provided. Interventions are targeted and timely. Intervention through guided practice is made available to those that need additional support.

Resilient – We teach the skills to ensure our children are resilient learners who become life-long mathematicians. We aim to deliver an inspiring and engaging mathematics curriculum through high quality teaching. As a part of the teaching sequence the children will be exposed to challenging tasks with opportunities to extend and broaden their learning. Children will be encouraged to develop their resilience and perseverance through learning from mistakes (their own and those of others) and evaluating and then improving their work.

Excited – We want the children to enjoy and be excited by Mathematics. Activities such as Timetable Rockstars promote a positive attitude towards Maths. We are committed to developing children's appreciation of the beauty and power of Mathematics. They will be given 1st hand experiences and opportunities where possible.



Sequencing of Content

Units of work are sequenced so mathematical knowledge is cumulative. We use the White Rose scheme to direct and support our teaching.

Flash back 4 ensures areas of learning are regularly re-visited and knowledge is built on.

Mental maths strategies are planned and taught sequentially year-on-year.



Maths is important in the world and is key to our future success.

We need to be able to use Mathematical skills and knowledge confidently in our lives in lots of different situations.

We need to be:

- Fluent
- Able to reason
- Able to problems solve



National curriculum aims

- become fluent in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately
- reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- can solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions



Assessment/ Retrieval Practice

Children take part in regular mini-quizzes and retrieval activities to strengthen their memory.

Skills are repeated during each session.

Remembering information and knowledge is celebrated and is part of the Wrangle culture.