

TEACHING AND LEARNING

William Hulme's Grammar School (Primary Phase)



William Hulme's Grammar School
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Part of United Learning

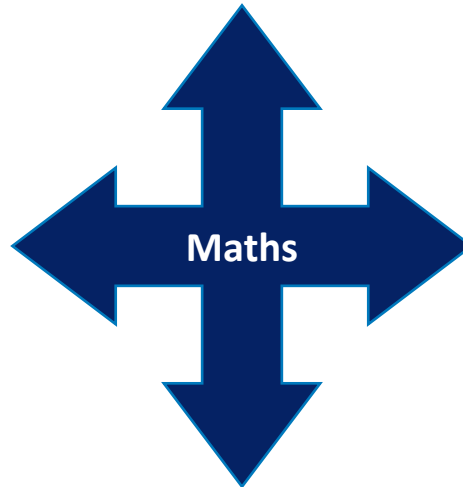
The Maths curriculum at William Hulme's Grammar School provides children with the opportunity to build an understanding of different areas of Mathematics. Each year, children are introduced to new concepts within the key areas of learning to deepen their understanding. Within each unit, children follow a **small steps** approach to gain a full understanding of every topic. Our aim is for children to develop number sense so that they can choose the appropriate written or mental method to solve a problem. We want children to develop fluency, reasoning and problem solving skills so that children can explain how they find an answer and apply their skills in different contexts.

Teachers will model key skills using the **'I do, We do, You do'** approach so that learners have a clear understanding of new methods and skills.

The key areas of **Number, Measurement, Geometry and Statistics** will be taught to help children make connections between future and prior learning.

We use **The White Rose Scheme** of Learning to support the learning of Mathematics. This scheme helps to break down learning into **small steps** and lessons are planned sequentially with a clear rationale.

Previously taught **skills** are revisited regularly at the start of each lesson.



Learners are exposed to **fluency, reasoning and problem solving** questions in order to achieve mastery in each unit of work.

Learners use talk partners to support each other's understanding of key mathematical concepts.

Different manipulatives and practical activities are used to support learners understanding.

Contextual tier 2 and 3 vocabulary is taught and explored throughout.

Multiplication tables and other arithmetic skills are taught daily to help learners develop their number sense.

Tasks are scaffolded to ensure that the curriculum is ambitious for all.

Teachers will expose learners to a variety of different methods and models so that children can choose the most appropriate method to solve a problem.

**Outcome:
Problem Solvers**