

Maths at Alexander Hosea School

Maths at Alexander Hosea is taught through a mastery approach. The school believes that **all** children can develop an understanding of Maths. The whole class moves through topics at broadly the same pace. Each topic is studied in depth and the teacher does not move to the next stage until all children demonstrate that they have an understanding of mathematical concepts.

Students are given time to think deeply about the maths and really understand concepts at a relational level rather than as a set of rules or procedures.

Teaching maths for mastery approach offers all pupils access to the full maths curriculum. This inclusive approach, and its emphasis on promoting multiple methods of solving a problem, builds self-confidence and resilience in pupils.

Our Maths curriculum differentiates through depth rather than acceleration. Though the whole class goes through the same content at the same pace, there is still plenty of opportunity for differentiation. However, advanced learners are not accelerated through to new content, instead those pupils who grasp concepts quickly are challenged with rich and sophisticated problems within the topic. Those children who are not sufficiently fluent are provided additional support to consolidate their understanding before moving on.

Our aim is to build resilient Mathematicians who are not afraid to solve problems and have a foundation of different methods and strategies to draw on.



