



Maths at Yarlside Academy



Vision

For children -

- To see Maths as an essential everyday part of their lives
- To equip children with the skills they need in life beyond school
- To encourage our children to love Maths and become confident mathematicians
- To develop a deep understanding of mathematical concepts
- To become fluent & confident in recalling number facts
- To reason and problem solve effectively
- To support learning across the curriculum



Curriculum Approach

- Small steps progression outlined in unit plans
- Ensure key concepts are fully grasped before moving on
- Aim high for all students - growth mindset approach
- Focus on depth rather than acceleration
- Put number first
- Fluency, reasoning and problem solving built into units
- Build in opportunities for revision & repetition to remember



Teaching & Learning Approach

- Retrieval practice activity at the start of each lesson to recap prior knowledge
- Explicit vocabulary teaching
- Concrete, pictorial, abstract approach
- I do, we do, you do modelling
- Relentless focus on number and times tables facts
- Teachers plan for common mistakes and misconceptions
- All children have access to manipulative resources
- Teacher teaches less able / TA monitors others
- Children work in pairs to share knowledge & understanding



Assessment & Feedback

- Mini-white boards are used in lessons to assess children's understanding
- Staff are encouraged to 'live mark' to pick up any misconceptions
- Addition & subtraction recall tracked through KS1 / Lower KS2
- Times tables progress tracked through TTRS
- Termly assessments to track progress

