

Mathematics Policy

St John Fisher: Curriculum Rationale

Our vision and curriculum at St John Fisher strives to create a school community where children and adults reach their full potential and Shine.

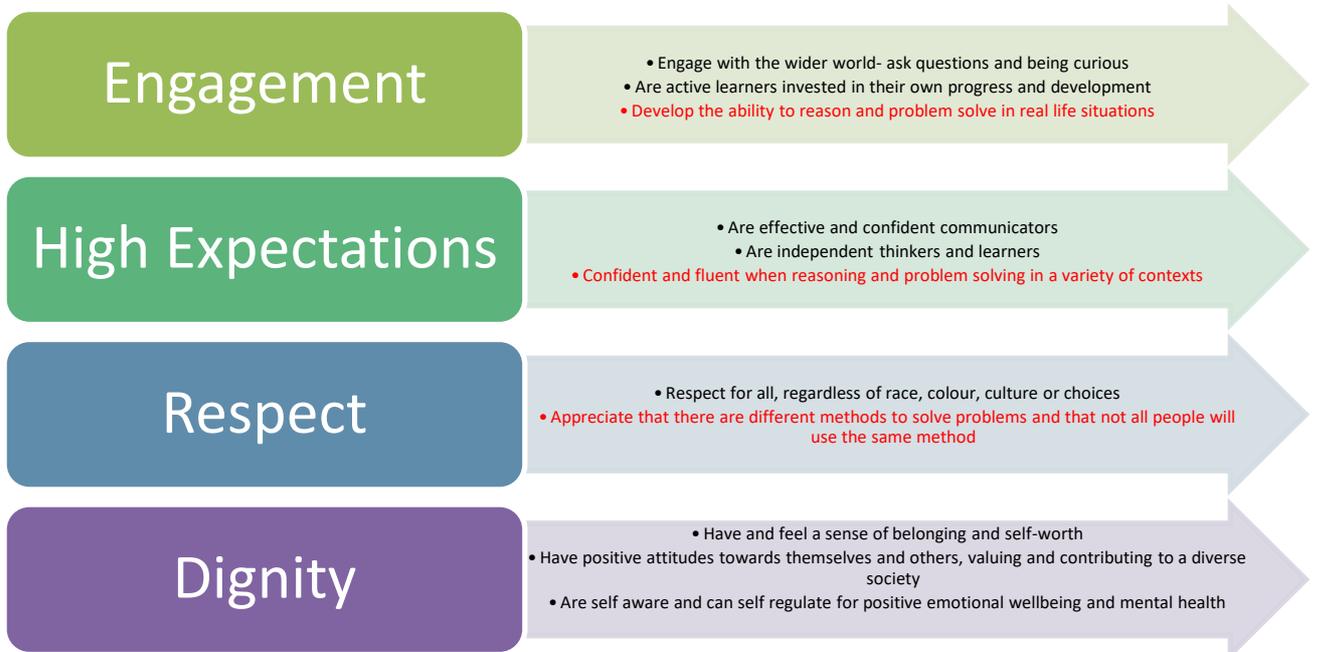
Our curriculum is broad, creative and carefully planned so that progress can be made by all groups of children across the whole curriculum. Our children will know and remember more leading to greater comprehension and understanding of increasingly complex concepts.

We are committed to encouraging and developing creativity as well as academic mastery seeing both as essential for our children.

We will equip our children with skills for academic and social skills and intelligence ensuring they are ready for the next stage of the learning and life.

St John Fisher: Mathematics Rational

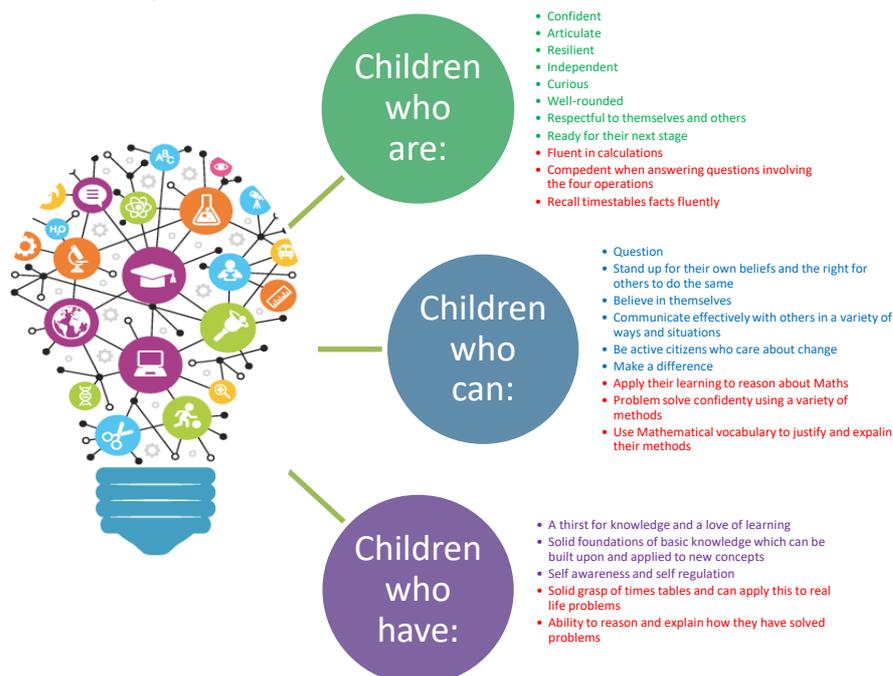
At St John Fisher a 'mastery' approach to maths has been adapted and implemented to meet the individual needs of our children. We use the Power Maths Scheme of Work to ensure that our maths is broken down into small, progressive steps that are built upon daily. We feel it is essential that our children experience maths in a variety of situations and that they understand concepts using the concrete, pictorial and abstract model.



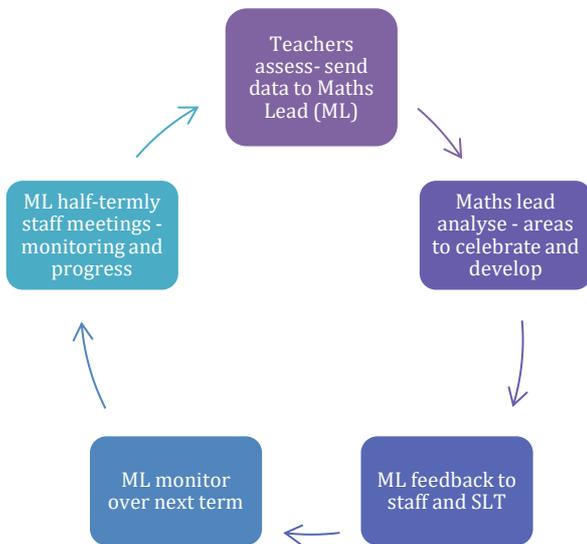
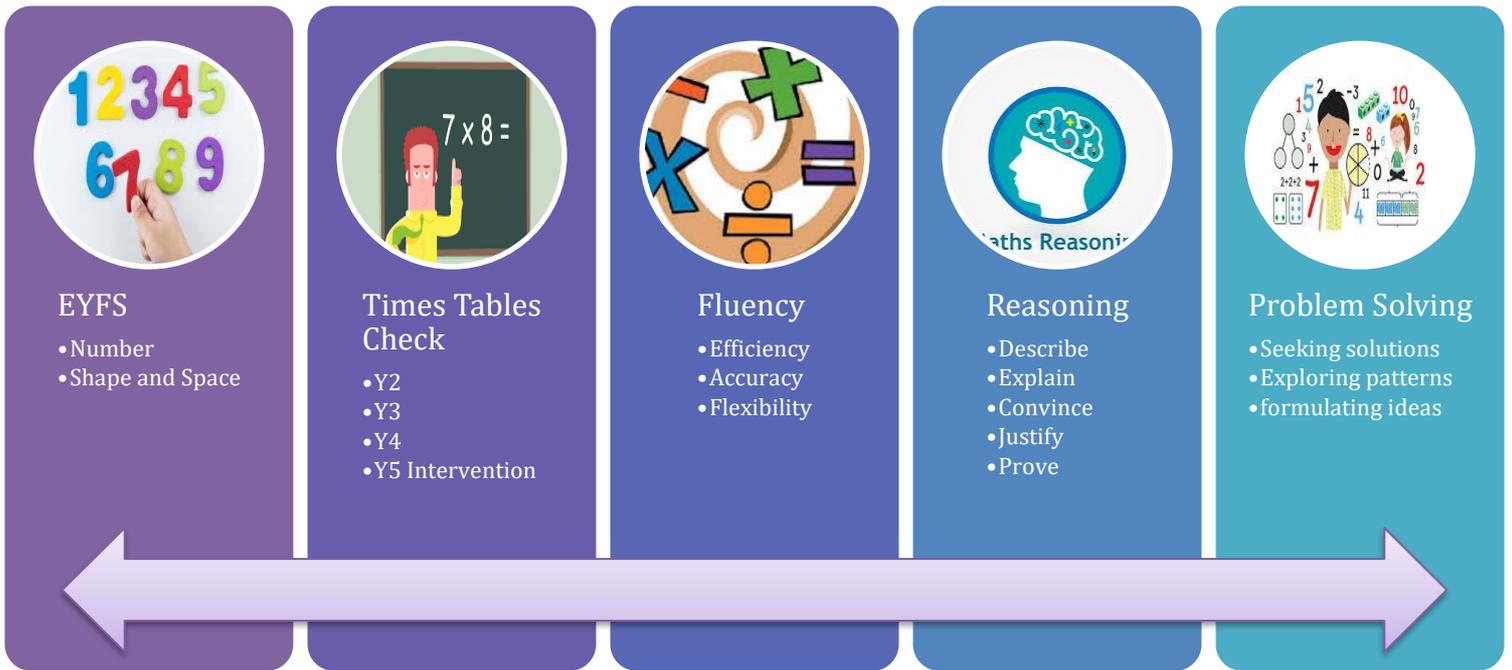
How we will achieve this: Implementation

Key Theme	Rationale	Strategies
Reading, Communication and Vocabulary	We have a progression document for vocabulary in Maths that is clearly mapped out across the year groups (see Maths page on the website). Power Maths ensures that vocabulary is built into each lesson and taught explicitly. The reflect element of the lesson ensures that children communicate effectively and explain their methods in detail.	Vocabulary Mat Planned paired and shared talk Feedback encourages justification of opinions- written and verbal Power Maths
Knowledge, Skills and Challenge	Knowledge and skills are carefully and progressively planned throughout each unit and are broken down into small steps that form individual lessons. We have challenge in all areas for all groups of children, encouraging them to have high expectations of themselves. Further challenges are provided for the greater depth Mathematicians through the Power Maths Deepening Activities.	Strengthening Activities Deepening Activities Challenge Activities Fluency Problem Solving Reasoning Reflect – children justify and explain the method they have used Power Maths
Teaching, Assessment and Feedback	We teach using a variety of strategies which is underpinned our 4 strands of Teaching and Learning- High Expectations, Engagement, Feedback and Independence. We use assessment continuously to plan and intervene and give live feedback as well as written.	Quality first teaching Self/ peer assessment Feedback –verbal, immediate, next steps Pre teach Interventions Moderation
Attitudes to Learning and Opportunities	We are committed to building positive attitudes to learning, resilience and have developed and embedded a Learning Power approach. We reinforce positive behaviours through PHSCE, SRE, our Code of Conduct and classroom management techniques.	Learning Powers Code of Conduct Enrichment – yearly plan Extra-curricular programme Awards Home- School projects Positive behaviour management

Vision for our children: Impact



Monitoring



Monitoring
 Learning Walks
 Staff meetings
 Moderation
 Pupil interviews
 Book looks
 Data analysis
 Teacher/ lead meetings