

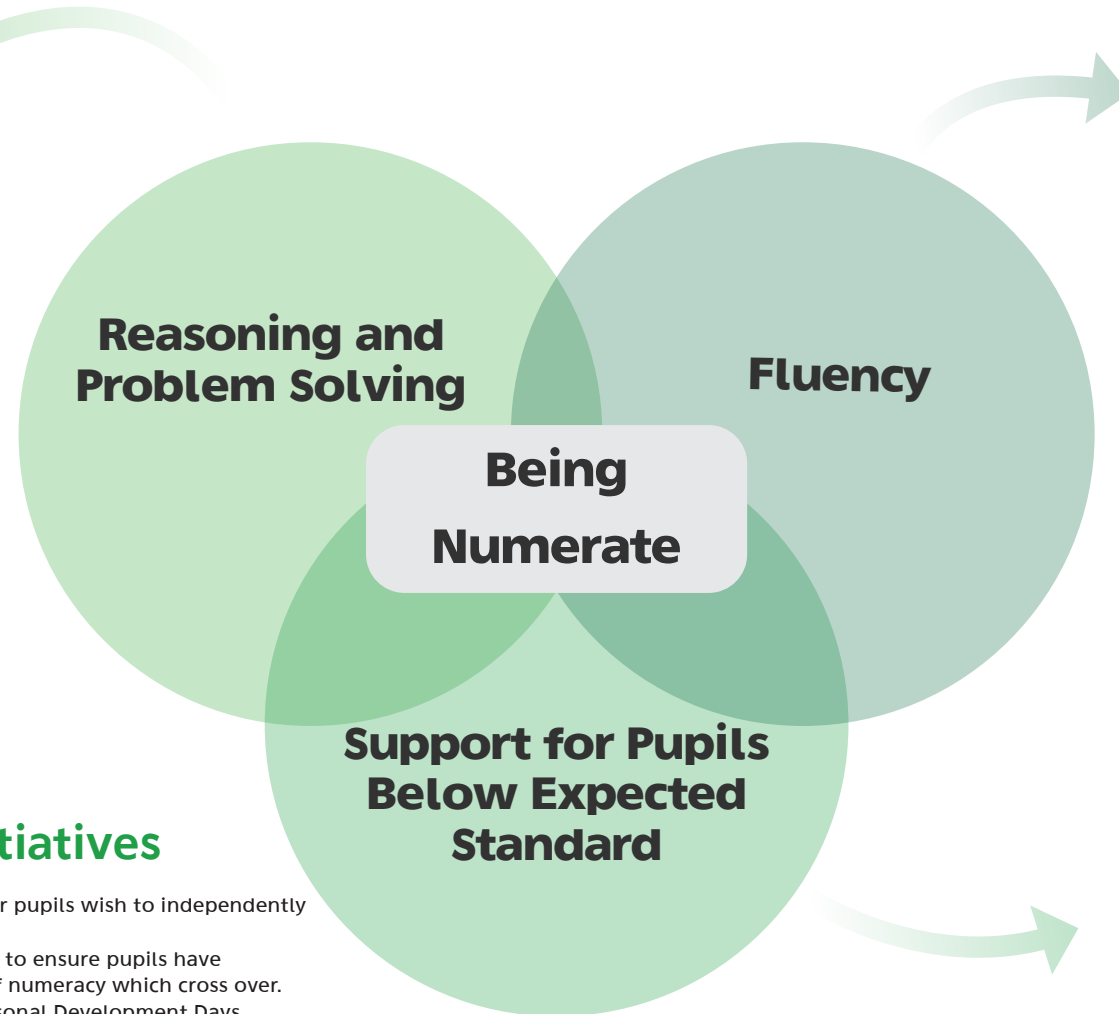


Numeracy Strategy

- All Maths lessons are taught by subject specialists and include a range of reasoning and problem solving tasks.
- Multiplicative reasoning skills are practised weekly with all year groups.
- Activities are provided in tutor time, which link to the Personal Development curriculum, these are often group or class tasks where pupils are encouraged to share their reasoning. Tutor time tasks also link explicitly to the Personal Development curriculum.
- Lancaster University School of Mathematics visit high ability KS4 pupils and complete enrichment tasks with them to encourage pupils to consider A Level mathematics.
- Year 10 high ability pupils compete in Maths Feast enrichment day which is run by the Advanced Mathematics Support Programme to encourage pupils to consider A Level Mathematics.
- Top set pupils in all years compete in the UK Maths Challenge.
- Feeder primary school Year 5 pupils are invited to compete in the Thomas Martland competition annually.

Whole School Initiatives

- The school library is stocked with maths books for pupils wish to independently explore concepts and history of Maths.
- The Maths and Science departments work closely to ensure pupils have opportunities to practise and indentify aspects of numeracy which cross over.
- Finance lessons are included in whole school Personal Development Days.
- Science, Computing, Geography and Product Design have displays showing cross curricular links with numeracy. Careers posters are displayed across school with links to the numeracy skills needed.
- The Maths and Science departments have comprehensively tracked where their curriculums crossover and agreed common approaches where appropriate
- Departments are provided with bespoke training on how numeracy is relevant to their subject and the correct terminology and processes to use.



- All maths lessons are taught by subject specialists and include a range of fluency tasks.
- Classes have access to laptops for pupils to complete independent practice of topics.
- All pupils engage with twice weekly retrieval practice starters during maths lessons.
- Retrieval practice tasks are embedded within pupils' weekly MathsWatch homework.

- All pupils have access to Maths Doctor daily at lunch times.
- Pupils in KS3 are introduced to calculating with negative numbers using zero pair counters to aide understanding.
- Algebra Tiles are used to support pupils understanding of algebraic manipulation.
- The HemingWay App is used to check the readability of all assessments.
- Teaching staff across school have access to pupils' CAT4 Quantitative Score and their maths scaled score