

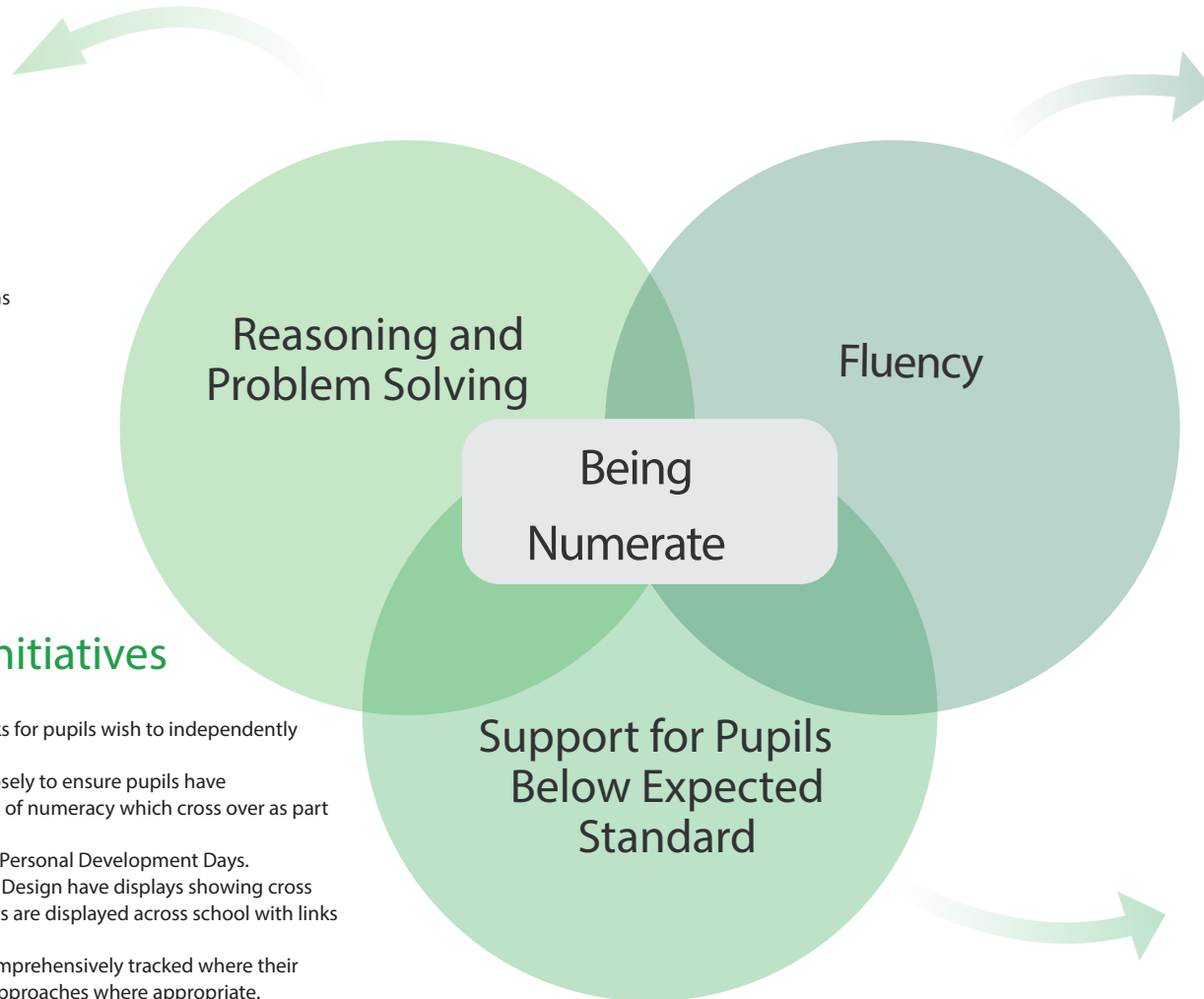


Numeracy Strategy

- 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.
- Lancaster University School of Mathematics (LUSOM) visit high ability KS4 pupils and complete enrichment tasks with them to encourage pupils to consider A Level mathematics.
- Top set pupils in all years compete in 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 identify aspects of numeracy which cross over as part of our interdisciplinary learning approach.
- 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.
- The Maths department and SEND team have all received expert training in Dyscalculia
- The Lead Teacher of Maths collaborates with departments that teach numeracy skills and provide relevant professional learning.
- The Maths and Science departments invite Year 5 pupils from our feeder primaries in for taster days.



- 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 twice a week at lunch times.
- Pupils in KS3 are introduced to calculating with negative numbers using zero pair counters to aide understanding.
- 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.
- The B4 Curriculum (Stage 2) has been adapted to focus on skills and foundational knowledge.
- Numeracy intervention is provided for pupils who fall below the expected standard for their age.