

Holy Cross

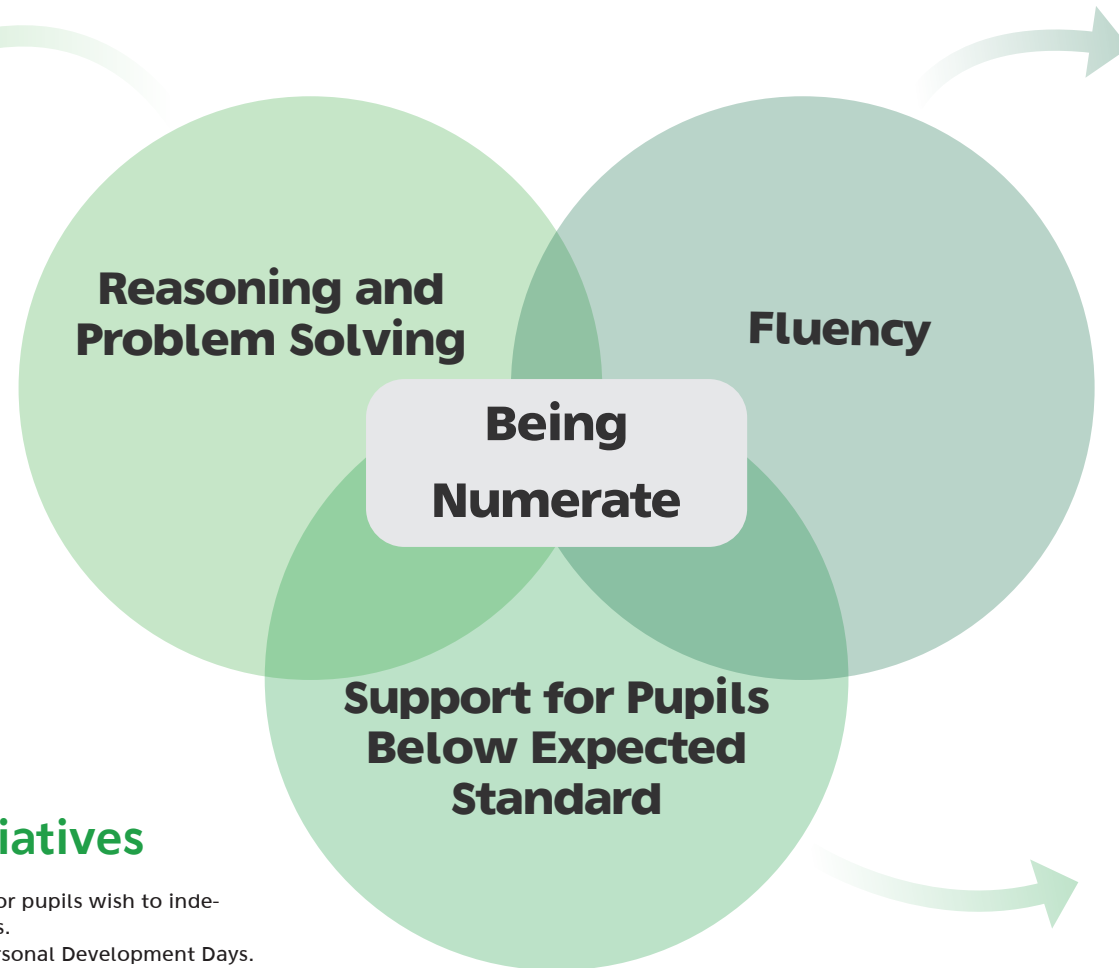
CATHOLIC HIGH SCHOOL

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.
- Fortnightly activities are provided in tutor time, these are often group or class tasks where pupils are encouraged to share their reasoning.
- 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 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.
- 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.
- 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.
- Close links have been established with science where teaching methods have been agreed and shared within departmental meetings.
- 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