



The Fisher Way: Curriculum



The Fisher Way aims to educate and inspire with joy, faith and love because we are an inclusive Catholic community.

Successful and resilient learners who aspire to and achieve excellence

Confident individuals who can explore and communicate effectively

Responsible citizens who are active, loving and wise in all their endeavours

| Subject | Mathematics |
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| Year Group | Year 9 |
| Intent | <p>Successful and resilient learners who have developed their fluency and curiosity in mathematics and can adapt their skills to the work around them.</p> <p>Confident individuals who can reason mathematically and use their math skills to solve problems in an eloquent way.</p> <p>Responsible citizens who are learned and realise the importance of maths in the world around them even when they may not be using it in their day to day lives.</p> |

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| Narrative | <p>Year 9 follow the White Rose scheme of learning which is followed by many of our feeder primaries. This ensures their journey is a continuous one from year 6 through to year 9 and beyond. It is expected that this years year 9 will continue to study on the white rose scheme in years 10 and 11.</p> <p>Progression documents can be found here: https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/07/National-Curriculum-Progression-Secondary.pdf</p> <p>https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/07/5-Year-Overview-Jul-2020.pdf</p> | | | | | |
| Half term | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Knowledge (topics studied) | Straight line graphs Forming and Solving Equations Testing Conjectures | Three-dimensional shapes Constructions and congruency | Rational and irrational number Powers of 10 and standard form Percentages Maths and money | Deduction/angles Rotation and translation Pythagoras | Enlargement and similarity Ratio and proportion Rates | Probability Algebraic representation Revision |
| Key skills | Understanding Vocabulary Calculations Reasoning Data analysis | Constructions Spatial awareness Vocabulary Problem solving | Understanding Vocabulary Calculations Reasoning Calculator skills | Spatial awareness Calculations Problem solving Reasoning Vocabulary | Calculations Reasoning Understanding Vocabulary | Reasoning Data analysis Understanding Vocabulary Exam technique |

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| | Calculator skills | | | | Problem solving | |
| Cultural capital | Applications to scientific experiments when finding rates of change | Investigating prisms and cylinders with real life examples | Percentages within real life context i.e. Interest rates, sales, banks, mortgages Using bank statements | Greek Civilisation around Pythagoras. | Speed limits within UK and why we have them. Time it takes to get to local areas | Using data relating to local area such as sports and weather. Travel and planning |
| Assessment | Topic tests Summer assessment from previous year | Topic tests | Topic tests White rose autumn core & H/F test | Topic tests | Topic tests White rose spring core & H/F test | Topic tests |