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
Year Group	Year 9
Intent	**Successful and resilient learners** who have developed their fluency and curiosity in mathematics and can adapt their skills to the work around them. **Confident individuals** who can reason mathematically and use their math skills to solve problems in an eloquent way. **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.

Narrative	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.					
Half term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Knowledge (topics studied)	Properties of Number Graphs and Charts Interpret and Represent Data	Percentages Area and Volume Equations, Inequalities and Formula	Fractions Rates Standard Form	Maths and Money Straight Line Graphs Ratio and Proportion	Construction and Congruence Similarity Algrebraic Manipulation	Unit 1 Number
Key skills	Understanding Vocabulary Calculations Reasoning Data analysis Calculator skills	Constructions Spatial awareness Vocabulary Problem solving	Understanding Vocabulary Calculations Reasoning Calculator skills	Spatial awareness Calculations Problem solving Reasoning Vocabulary	Calculations Reasoning Understanding Vocabulary Problem solving	Reasoning Data analysis Understanding Vocabulary Exam technique

Cultural capital and careers	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. Careers Builders Engineering	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 Careers Bet 365
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