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 11 (Foundation)
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	

	By the end of this year the students will be able to attempt the GCSE and achieve their best possible grade. They will have to make use of all of their skills and knowledge throughout the whole of their time at school to achieve this. This will enable them to move onto college or life in general with a good qualification and the numerical skills that they will need in their every day life .					
Half term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Knowledge (topics studied)	Probability Multiplicative Reasoning Constructions, Loci and bearings	Quadratic equations and graphs Perimeter, Area and Volume 2 Fractions, Indices and Standard Form	Congruence, Similarity and Vectors Further Algebra	Revision of whole syllabus following on from mocks and key ideas gone over again		
Key skills	Calculations Reasoning Accuracy Spatial awareness Understanding Recall of facts and application of knowledge	Calculations Reasoning Accuracy Spatial awareness Understanding Recall of facts and application of knowledge	Calculations Reasoning Accuracy Spatial awareness Understanding Recall of facts and application of knowledge			
Cultural capital and careers	Greek Civilisation around Pythagoras and Trig. Use of Bearings in travel and GPS equipment making	Use if area and volume in real life calculations for the home and standard form in terms of large and big	Links to science in terms of vectors. Links to scale and architecture in terms of similarity and scale factors.	Impact of numeracy in everyday life. Making sure they are aware of the cost of		

	the planet a smaller place	numbers linked to science	Careers in Science Engineering Town planning	living and planning for the future		
Assessment	Paper 1 Non calculator., Mock exams Three papers		Test 4 on Units 16 to 20	Mock exams Three papers		