Glenthorne High School
Achievement for all

Maths + GCSE Learning Journey

Skills

Knowledge

Future Education, Employment & Training

KS5 Study

Year 11 "Becoming KS5 Ready"

- KS4 GCSE+ Curriculum (Edexcel)
- Enrichment, P6 & Revision Sessions
- Introduced to key concepts from
- Pure Y1 Scheme of work
- Be able to prove, apply and link learning to solve mathematical challenges

Intervention Groups Amended	KS5 Pure Y1 Differentiation	Final GCSE Exams	GCSE Maths Exam Results

Y11 GCSE PPE Exams	Vectors	Advanced Algebra	Circle Theorems	Intervention Groups Amended	GCSE Mock Exams

Year 10 "Developing into Independent Learners"

- KS4 GCSE+ Curriculum (Edexcel)
- Develop fluency and reasoning skills

Y10 GCSE PPE Exams	**Year 11**	Pupils Identified for Interventions	Equations & Graphs

Further Statistics	Higher Trigonometry	Similarity & Congruence	Y10 GCSE Mock Exams

Maths Week: Route Algorithms & Pi Recital	Probability	Compound Measures & Proportion	Intermediate Maths Challenge

Year 9 "Developing Skills to Enhance Learning"

- KS4 GCSE+ Curriculum (Edexcel)
- Build on key skills and deepen understanding

Equations & Inequalities	**Year 10**	Constructions & Transformations

Angles & Trigonometry	Intermediate Maths Challenge	Graphs	Area & Volume

FDP & Ratio	Data & Averages	Algebra	Number	Maths Week: Fibonacci Sequence & Pi Recital

Year 8 "Taking Responsibility for Learning"

- KS3 Mastery Maths (White Rose)
- Artificial Intelligence Club
- Develop fundamental skills and explore maths in context

Further Number	Further Geometry	Numeracy/Literacy GCSE+ Pathway Pupils Identified	Further Data	**Year 9**

Numeracy Intervention Groups Amended	Further Algebra	Data	Junior Maths Challenge	Numeracy Intervention Groups Amended

Year 7 "Transition to High School"

- Developing expectations and positive mindset.
- KS3 Mastery Maths (White Rose)
- Puzzle Club
- Build confidence and depth of understanding on core maths skills required for future problem solving

Geometry	Probability	Numeracy Intervention Groups Amended	**Year 8**	Ratio & Proportion	Maths Week: Number Systems, Dingbats & Pi Recital

Junior Maths Challenge	Numeracy Intervention Groups Amended	Number	Maths Week: Code Breaking, Escape Room & Pi Recital	Numeracy Intervention Groups Identified	Algebra

Year 6 Induction	**Year 7**	Launch Puzzle of the Fortnight, Mathematician of the Month and Puzzle Club	Expectations, Mindset & Project Lessons	Assessment of KS1/2 prior knowledge