

Subject:		Lead teacher:			
		Block 1	Block 2	Block 3	Block 4
Year 7	Topic:	1. Understand place value to compare and order numbers including decimals 2. Use approximation and rounding in problem solving 3. Understand and solve problems involving addition and subtraction including perimeter 4. Multiply and divide multi-digit numbers including decimals	5. Find and understand factors and multiples, including LCMs and HCFs 6. Understand and apply the formulae for area of a rectangle and triangle 7. Accurately draw, measure, and identify types of angles 8. Use facts to solve problems involving unknown angles on a line and at a point 9. Understand and use properties of triangles and quadrilaterals	10. Understand and use fraction notation in a variety of contexts 11. Compare and order fractions, decimals and mixed numbers 12. Multiply and divide with fractions	13. Carry out combined calculations using all four operations with brackets 14. Represent unknowns with letters forming and manipulating algebraic expressions 15. Evaluate algebraic expressions through substitution 16. Understand and use percentage including percentage increase and decrease 17. Draw, read and interpret statistical diagrams, including pie charts
	Assessment and other key info (beyond book work):	Pre-test before the block (30 mins) followed by a similar test at the end of the block to measure progress. Homework to be set at the end of each unit, published on Show My Homework. Following the Mathematics Mastery Programme.	Pre-test before the block (30 mins) followed by a similar test at the end of the block to measure progress. Homework to be set at the end of each unit, published on Show My Homework. Following the Mathematics Mastery Programme.	Pre-test before the block (30 mins) followed by a similar test at the end of the block to measure progress. Homework to be set at the end of each unit, published on Show My Homework. Following the Mathematics Mastery Programme.	Pre-test before the block (30 mins) followed by a similar test at the end of the block to measure progress. Homework to be set at the end of each unit, published on Show My Homework. Following the Mathematics Mastery Programme.
Year 8	Topic:	NUMBER ONE 1. Prime Factorisation 2. Indices 3. Percentages 4. Proportional Reasoning 5. Ratio	NUMBER TWO & GEOMETRY ONE 6. Fractions 7. Area and Perimeter 8. Surface Area & Volume 9. Angle properties 10. Scale Drawings & Bearings	ALGEBRA, PROBABILITY & GEOMETRY TWO 11. Algebra 12. Sequences 13. Probability 14. Angles in polygons & parallel lines	GEOMETRY THREE & DATA HANDLING 15. Pythagoras 16. Congruence & Similarity 17. Transformations 18. Enlargements 19. Constructions 20. Scatter graphs 21. Averages
	Assessment and other key info (beyond book work):	Pre-test before the block (30 mins) followed by a similar test at the end of the block to measure progress. Homework to be set at the end of each unit, published on Show My Homework. Following the Mathematics Mastery Programme.	Pre-test before the block (30 mins) followed by a similar test at the end of the block to measure progress. Homework to be set at the end of each unit, published on Show My Homework. Following the Mathematics Mastery Programme.	Pre-test before the block (30 mins) followed by a similar test at the end of the block to measure progress. Homework to be set at the end of each unit, published on Show My Homework. Following the Mathematics Mastery Programme.	Pre-test before the block (30 mins) followed by a similar test at the end of the block to measure progress. Homework to be set at the end of each unit, published on Show My Homework. Following the Mathematics Mastery Programme.
Subject:		Exam Board:			
Year 9	Topic:	1. Coordinates 2. Linear Graphs 3. Direct and Inverse Proportion 4. Scales and Standard Form	5. Sequences 6. Expanding and Factorising Brackets 7. Changing the Subject of a Formula 8. Constructions	9. Congruence and Similarity 10. Triangles and Quadrilaterals 11. Angles in Polygons 12. Linear Equations and Inequalities 13. Simultaneous Equations	14. Quadratic and Other Graphs 15. Pythagoras and Trigonometry 16. Transformations 17. Probability 18. Simple Proof 19. Mean from Grouped Frequency
	Assessment and other key info (beyond book work):	Pre-test before the block (30 mins) followed by a similar test at the end of the block to measure progress. Homework to be set at the end of each unit, published on Show My Homework. Following the Mathematics Mastery Programme.	Pre-test before the block (30 mins) followed by a similar test at the end of the block to measure progress. Homework to be set at the end of each unit, published on Show My Homework. Following the Mathematics Mastery Programme.	Pre-test before the block (30 mins) followed by a similar test at the end of the block to measure progress. Homework to be set at the end of each unit, published on Show My Homework. Following the Mathematics Mastery Programme.	Pre-test before the block (30 mins) followed by a similar test at the end of the block to measure progress. Homework to be set at the end of each unit, published on Show My Homework. Following the Mathematics Mastery Programme.
Year 10	Topic:	Transformations, Constructions and Loci, Solving Equations including quadratic and simultaneous	Ratio and Proportion including compound measures, Probability involving Venn Diagrams and Tree Diagrams, Bounds, Circle Theorems, Similarity and Vectors	Perimeter, Area, Volume and Surface Area, Pythagoras Theorem, Trigonometry including transformations of graphs. Cumulative Frequency, Box Plots and Histograms	Fractions, Percentages, Problem Solving involving Ratio and Proportion, Indices, Standard Form, Surd, Changing the Subject of a Formula

	Assessment and other key info (beyond book work):	Fortnightly Topic Tests. Homework set using Hegarty Maths	Fortnightly Topic Tests. Homework set using Hegarty Maths	Fortnightly Topic Tests. Homework set using Hegarty Maths	Fortnightly Topic Tests. Homework set using Hegarty Maths
Year 11	Topic:	Circle Theorems, Number Problems	Constructions, Loci, Scale Drawings, Algebra, Statistics Revision, Geometry Revision, Number Revision	GCSE Revision	GCSE Revision
	Assessment and other key info (beyond book work):	Weekly Tests, Homework set using Hegarty Maths and Fortnightly Exam Question Booklets	Weekly Tests, Homework set using Hegarty Maths and Fortnightly Exam Question Booklets	Weekly Tests, Homework set using Hegarty Maths and Fortnightly Exam Question Booklets	Terminal Exam