

Year 10 Mathematics - CORE Long Term Plan 2024 - 2025

		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
		02.09.24	09.09.24	16.09.24	23.09.24	30.09.24	07.10.24	14.10.24	21.10.24	04.11.24	11.11.24	18.11.24	25.11.24	02.12.24
T e r m 1	C u r r i c u l u m C o n t e n t	INSET DAY 1 & 2 Expectations lesson Unit 8 Area Perimeter and Volume	Unit 8 Area Perimeter and Volume	Unit 8 Area Perimeter and Volume Bi-weekly Assessment Marking	Unit 8 Area Perimeter and Volume	Unit 9 Graphs Bi-weekly Assessment Marking	Unit 9 Graphs Exam Revision	End of Term 1 Assessment Bi-weekly Assessment Marking	DIRT	Unit 9 Graphs Bi-weekly Assessment Marking DC1 Deadline	Unit 9 Graphs	Unit 10 Transformations	Unit 10 Transformations	Unit 10 Transformations Bi-weekly Assessment Marking
	R e t r i e v a l	DO NOW Naming 2D shapes, Multiplication, division, calculate missing numbers. Conversion	DO NOW Collecting like terms, ratio	DO NOW Forming expression, conversion	DO NOW Naming 3d shapes, properties of 3D shapes	DO NOW Solving equations, Coordinates	DO NOW Congruent shapes, Identifying parallel lines	DO NOW Revision and exam preparation	Exam practice linked to exam feedback development	DO NOW Changing the subject, proportion problems	DO NOW Coordinates	DO NOW Drawing straight line graphs, coordinate	DO NOW scale factor, multiplication, missing numbers	DO NOW Angles, direction



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		09.12.24	16.12.24	06.01.25	13.01.25	20.01.25	27.01.25	03.02.24	10.02.25	24.02.25	03.03.25	10.03.25	17.03.25	24.03.25
Term 2	Curriculum Content	Unit 11 Ratio and Proportion	Unit 11 Ratio and Proportion	Unit 11 Ratio and Proportion	Unit 11 Ratio and Proportion	Unit 12 Pythagoras and Trigonometry	Unit 12 Pythagoras and Trigonometry	End of Term 2 Assessment	Unit 12 Pythagoras and Trigonometry	Unit 13 Probability Bi-weekly Assessment	Unit 13 Probability	Unit 13 Probability	Unit 13 Probability	Unit 13 Probability
	Retrieval	DO NOW Fractions of an amount, conversion	DO NOW multiplication, equivalent fractions, equivalent ratio	DO NOW Division, simple proportion problems	DO NOW Division, simple proportion problems	DO NOW Squaring and square rooting numbers, recognising right angle and hypotenuse	DO NOW Revision and exam preparation	DO NOW Revision and exam preparation	DO NOW Exam practice linked to exam feedback development	DO NOW Naming 2d shapes, properties of 2d shapes	DO NOW Reading two-way tables and frequency tables	DO NOW Fill in simple Venn diagrams	DO NOW Fractions, decimals and percentages, missing numbers adding up to 1	DO NOW Fractions, decimals and percentages, missing numbers adding up to 1
					Bi-weekly Assessment Marking		Exam Revision		DIRT	Marking DC2 Deadline			Bi-weekly Assessment Marking	

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		01.04.25	21.04.25	28.04.25	05.05.25	12.05.25	19.05.25	02.06.25	09.06.25	16.06.25	23.06.25	30.06.25	07.07.25	14.07.25
Term 3	Curriculum Content	Unit 14 Multiplicative Reasoning	Unit 14 Multiplicative Reasoning	Unit 15 Constructions Loci and Bearings Bi-weekly Assessment Marking	Unit 15 Constructions Loci and Bearings	Unit 15 Constructions Loci and Bearings Bi-weekly Assessment Marking	Unit 15 Constructions Loci and Bearings	Unit 16 Quadratic Equations and graphs Exam Revision Bi-weekly Assessment Marking	Exam Revision	Year 10 Mock Exams Marking	Year 10 Mock Exams Marking	DIRT	Unit 16 Quadratic Equations and graphs DC3 Deadline DIRT	Unit 16 Quadratic Equations and graphs
	Retrieval	DO NOW Percentages of an amount, fractions, decimals percentages	DO NOW Convert from percentages to decimals	DO NOW Identifying 2D shapes. Using a ruler, using a compass. Using scale drawings, parallel lines, Drawing angles	DO NOW Identifying 2D shapes. Using a ruler, using a compass. Using scale drawings, parallel lines, Drawing angles	DO NOW Identifying 2D shapes. Using a ruler, using a compass. Using scale drawings, parallel lines, Drawing angles	DO NOW Identifying 2D shapes. Using a ruler, using a compass. Using scale drawings, parallel lines, Drawing angles	DO NOW Multiply out single brackets, forming expressions	DO NOW Revision and exam preparation	DO NOW Revision and exam preparation	DO NOW Revision and exam preparation	DO NOW Revision and exam preparation	DO NOW Solving equations, Plotting coordinates	DO NOW Area of 2D shapes, perimeter

All lessons will follow the Co-op Academy Lesson Journey and include a Do Now Task, retrieval based, Lesson Intentions, Success criteria, Explicit Instruction 1, Explicit Instruction 2, Quality Time and a Review.