

Maths Year 7 Curriculum Planner 2024

AUTUMN TERM																
Week	1	2	3	4	5	6	7	8	HT	9	10	11	12	13	14	15

	Chapter 1 Using numbers	Chapter 2 Sequences	Ch 1+2 Revision and Assessment	Chapter 3 Perimeter, Area, and Volume	Chapter 4 Decimal Numbers	HT	Chapter 4 Decimal numbers	Ch 3+4 Revision and Assessment	Chapter 5 Working with numbers	Chapter 6 Statistics	Chapter 7 Algebra
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SPRING TERM												
Week	1	2	3	4	5	6	HT	7	8	9	10	11

	Chapter 7 Algebra	Ch 5+6+7 Revision and Assessment	Chapter 8 Fractions	Chapter 9 Angles	HT	Chapter 10 Coordinates and graphs	Ch 8+9+10 Revision and Assessment	Chapter 11 Percentages
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SUMMER TERM														
Week	1	2	3	4	5	6	HT	7	8	9	10	11	12	13

	Chapter 12 Probability	Chapter 14 Equations	Ch 11+12+14 Revision and Assessment	HT	EOY Exam Revision	Y7 EOY Exam Week	Chapter 16 3D shapes	Chapter 17 Ratios
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Chapter	Specific points covered	Chapter	Specific points covered
1. Using numbers	Charts and financial mathematics Positive and negative numbers Simple arithmetic with negative numbers Subtracting negative numbers Multiplying negative numbers	9. Angles	Calculating angles Corresponding and alternate angles Angles in a triangle Angles in a quadrilateral Properties of triangles and quadrilaterals
2. Sequences	Function machines Sequences and rules Working out missing terms Working out the nth term Other sequences	10. Coordinates and graphs	Graphs from relationships Predicting graphs from relationships Graphs of fixed values of x and y , $y = x$ and $y = -x$ Graphs of the form $x + y = a$ Graphs from the real world
3. Perimeter, area, and volume	Perimeter and area of compound shapes Area of some other 2D shapes 4 Surface area and volume of cubes and cuboids	11. Percentages	Percentage increases and decreases Financial skills – Income tax
4. Decimal numbers	Ordering decimal Estimates Adding and subtracting decimals Multiplying and dividing decimals Dividing decimals	12. Probability	Experimental probability
5. Working with numbers	Square numbers and square roots Rounding Order of operations Multiplication problems without a calculator Division problems without a calculator Calculations with measurements	13. Symmetry	Line symmetry and rotational symmetry Reflections Rotations Tessellations
6. Statistics	Statistical diagrams Collecting and using data Grouped frequency Data collection	14. Equations	Solving more complex equations Setting up and solving equations
7. Algebra	Expressions and substitution Simplifying expressions Using formulae Writing formulae	15. 3D shapes	Naming and drawing 3D shapes. Using nets to construct 3D shapes. 3D investigations
8. Fractions	Equivalent fractions Comparing fractions Adding and subtracting fractions Mixed numbers and improper fractions Calculations with mixed numbers	16. Ratios	Introduction to ratios Simplifying ratios Ratios and sharing Solving problems