

G4 Mathematics overview

Unit overviews	
Unit	Contents
Unit 1 - Number to 1000 000	Reading and Writing Numbers to 100,000 and 1,000,000
	Comparing Numbers to 1000 000
	Making Number Patterns
	Rounding Numbers
	Unit review
Unit 2 - Whole Numbers: Addition and Subtraction	Counting On to Add
	Counting Backwards to Subtract
	Adding within 1 000 000
	Adding and Subtracting within 1 000 000
	Unit review
Unit 3 Whole Numbers: Multiplication and Division	Finding multiples, factors, common factors, prime numbers, square and cubed numbers
	Multiplying by 10, 100 and 1000
	Multiplying 2-Digit and 3-Digit Numbers by a Single Digit
	Multiplying 4-Digit Numbers
	Multiplying a 2-Digit Number by a 2-Digit Number
	Multiplying a 3-Digit Number by a 2-Digit Number
	Dividing by 10, 100 and 1000
	Dividing 3-Digit and 4-Digit Numbers
	Dividing with Remainder
	Unit review

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Unit 4 - Whole Numbers	Solving Word Problems and Unit review
Unit 5 - Graphs	Reading Tables and line graphs and Unit review
Unit 6 - Fractions	Dividing to Make Fractions
	Writing Improper Fractions and Mixed Numbers
	Finding Equivalent Fractions
	Comparing and Ordering Fractions
	Making Number Pairs
	Adding and subtracting Fractions
	Multiplying Fractions by Whole Numbers
	Multiplying Mixed Numbers
	Multiplying Mixed Numbers by Whole Numbers
	Unit review
Unit 7 - Decimals	Reading and Writing Decimals
	Comparing Decimals
	Writing Fractions as Decimals
	Adding and subtracting decimals
	Rounding Decimals
	Unit review
Unit 8 - Percentage	Comparing Quantities
	Finding Percentages
	Unit review
Unit 9 - Geometry	Knowing Types of Angles, measuring and drawing angles
	Investigating Angles on a Line and a point and drawing angles around a point

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	Describing Squares and Rectangles
	Investigating Angles in Squares and Rectangles
	Solving Problems Involving Angles in Rectangles
	Investigating Regular Polygons
	Unit review
Unit 10 - Position and Movement	Naming and Plotting Points
	Describing Translations
	Describing Movements
	Successive Reflections
	Unit review
Unit 11 - Measurement	Converting Units of length, mass and time
	Telling the temperature
	Unit review
Unit 12 - Area and Perimeter	Finding the Perimeter
	Using Scale Diagrams to Find the Perimeter
	Measuring and estimating Area
	Unit review
Unit 13 - Volume	Understanding the Volume of Solids
	Finding the Volume of Solids
	Finding the Capacity of Rectangular Boxes
	Converting Units of Volume
	Solving Word Problems Involving Volume and unit review
Unit 14 - Roman Numerals	Writing Roman Numerals to 1000
	Writing Years in Roman Numerals
	Unit review

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During distance learning there may be adaptations to this overview.
All core learning will be covered.

