

# G5 Mathematics overview

Unit overviews	
Unit	Contents
<b>Unit 1- Numbers to 10 million</b>	Reading and Writing Numbers to 10 Million
	Comparing Numbers to 10 Million
	Comparing and Ordering Numbers to 10 Million
	Rounding Numbers
	Unit review
<b>Unit 2- Four Operations on Whole Numbers</b>	Using Mixed Operations
	Multiplying by 2-Digit Numbers
	Estimating Products of Large Numbers
	Dividing by 2-Digit Numbers
	Solving Word Problems
	Finding Common Multiples
	Finding Common Factors
	Finding Prime Numbers
	Unit review
<b>Unit 3 - Fractions</b>	Simplifying Fractions
	Comparing and Ordering Fractions
	Adding and Subtracting Fractions
	Multiplying Fractions
	Dividing a Fraction by a Whole Number
	Unit review

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<b>Unit 4 - Decimals</b>	Writing and Reading Decimals
	Dividing Whole Numbers
	Writing Fractions as Decimals
	Multiplying Decimals
	Dividing Decimals
	Multiplying a Decimal by a 2-Digit Whole Number
	Dividing a Decimal by a 2-Digit Whole Number
	Unit review
<b>Unit 5- Measurements</b>	Converting Units of Length
	Converting Units of Mass
	Converting Units of Volume
	Converting Units of Time
	Unit review
<b>Unit 6- Word Problems</b>	Solving Word Problems
	Unit review
<b>Unit 7- Percentage</b>	Finding the Percentage of a Number
	Finding the Percentage of a Quantity
	Finding Percentage Change
	Using Percentage to Compare
	Unit review
<b>Unit 8- Ratio</b>	Comparing Quantities
	Comparing Numbers
	Solving Word Problems
	Unit review

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<b>Unit 9- Algebra</b>	Describing a Pattern
	Writing Algebraic Expressions
	Writing and Evaluating Algebraic Expressions
	Writing Formulae
	Using Formulae
	Solving Equations
	Unit review
<b>Unit 10 - Area and Perimeter</b>	Finding the Area and the Perimeter of Rectangles
	Finding the Area of Parallelograms
	Finding the Area of Triangles
	Unit review
<b>Unit 11 - Volume</b>	Finding the Volume of Cubes and Cuboids
	Solving Problems Involving the Volume of Solids
	Unit review
<b>Unit 12 - Geometry</b>	Investigating Vertically Opposite Angles
	Solving Problems Involving Angles
	Investigating Angles in Triangles
	Investigating Angles in Quadrilaterals
	Solving Problems Involving Angles in Triangles and Quadrilaterals
	Naming Parts of a Circle
	Solving Problems Involving Angles in a Circle
	Drawing Quadrilaterals
	Drawing triangles
	Drawing Nets of Three-Dimensional Shapes
	Unit review

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<b>Unit 13 - Position and Movement</b>	Showing Negative Numbers
	Describing Position
	Drawing Polygons on a Coordinate Grid
	Describing Translations
	Describing Reflections
	Describing Movements
	Using Algebra to Describe Position
	Using Algebra to Describe Movements
	Unit review
<b>Unit 14 - Graphs and Averages</b>	Understanding Averages
	Calculating the Mean
	Solving Problems Involving the Mean
	Showing Information on Graphs
	Reading Pie Charts
	Reading Line Graphs
	Converting Miles into Kilometres
	Unit review
<b>Unit 15 - Negative numbers</b>	Adding and Subtracting Negative Numbers
	Using Negative Numbers
	Unit review

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