

**Progression in Mathematics**  
**Overview annual topic coverage**  
**Y5/6**

	Autumn 1 Block 1	Autumn 2 Block 2	Spring 1 Block 3	Spring 2 Block 4	Summer 1 Block 5	Summer 2 Block 6
<b>Number and place value</b>	Place value 5 lessons	Number sequences 2 lessons	Negative numbers 6 lessons		Numbers up to 10,000000 1 lesson	Place value 5 lessons
<b>Number – addition / subtraction</b>		Addition and subtraction, problems and checking solutions 5 lessons		Addition and subtraction – formal written methods – inclusive decimals 2 lessons – reasoning / using and applying All 4 operations 3 lessons	Addition and subtraction – formal written methods - inclusive decimals – problem solving 2 lessons	
<b>Number – Multiplication and division</b>	Multiplication and division, mental methods 5 lessons  Multiplication and division, written methods 5 lessons		Multiplication and division – mental – long / short written Remainders, fraction, decimals – problem solving 5 lessons  Relationship 4 operations, brackets, Remainders, fraction, decimals – problem solving 5 lessons  Factors / multiples/ prime Reasoning – using and applying 3 lessons  Square / cubed numbers/ common Factors / multiples/ prime numbers / + - X ÷ fractions 5 lessons	Square / cubed numbers/ common Factors / multiples/ prime numbers / + - X ÷ fractions 3 lessons	Multiplication and division – mental – long / short written Remainders, fraction, decimals – problem solving 4 lessons  multiply and divide by 10, 100 and 100 giving answers up to 3 decimal places 1 lesson	multiply and divide by 10, 100 and 100 giving answers up to 3 decimal places 3 lessons  Multiplication and division – mental – long / short written Remainders, fraction, decimals – problem solving 3 lessons  Factors / multiples/ prime Reasoning – using and applying 2 lessons
<b>Number Fractions – decimals and percentages</b>	Fractions, decimals and percentages 8 lessons	Fractions, decimals and percentages 4 lessons	Revision of Fractions and the relationship with factors and expressing a remainder as a fraction 2 lessons  Fractions, decimals and percentages 5 lessons		Decimals, factors, fractions, % 4 lessons	% 2 lessons  Fractions, 3 lessons

<b>Geometry - Property of Shape</b>		Shape and space: reasoning about shapes 5 lessons		Properties of shape 2 lessons  Circles Symmetry – 2 days	Angles Shape 1 lesson	Angles 4 lessons
<b>Geometry – position and direction</b>		Position, movement and scales, and solve problems 5 lessons		Translation and reflection 2 days	Read and plot coordinates in all 4 quadrants Translation / reflection 2 lessons	Read and plot coordinates in all 4 quadrants 1 lesson
<b>Measurement</b>		Measures 5 lessons		Measures Area and perimeter 3 lessons  Measures length, mass, capacity etc. 5 lessons	Measures Area and perimeter, volume 2 lessons  Measures length, mass, capacity etc. 5 lessons	Volume, area perimeter  Time 5 lessons
<b>Statistics</b>	Handling data Mean median mode range 5 lessons			Handling data 2 lessons	Handling data Mean median mode range 3 lessons  Handling data 4 lessons	Handling data Mean median mode range 1 lesson
<b>Ratio and Proportion</b>		Ratio and Proportion 1 lesson		Ratio and Proportion 3 lessons	Ratio and Proportion 1 lessons	Ratio and Proportion 5 lessons
<b>Algebra</b>		Formulas 2 lessons		Algebra 2 lessons	Algebra 1 lessons	

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## Progression in Mathematics Y3/4 Overview annual topic coverage

	Autumn 1 Block 1	Autumn 2 Block 2	Spring 1 Block 3	Spring 2 Block 4	Summer 1 Block 5	Summer 2 Block 6
<b>Number and place value</b>	Place Value 5 lessons	Place Value – number and the number system 5 lessons	Place Value – number and the number system – including problem solving 5 lessons	Place Value – number and the number system – including problem solving 5 lessons	Place Value – number and the number system – including problem solving and decimals, rounding 5 lessons	Place Value – number and the number system – multiples, consecutive numbers etc. 3 lessons
<b>Number – addition / subtraction</b>	Addition and subtraction – facts to 100, written strategies, mental strategies 5 lessons  Addition and subtraction – inclusive of decimals – written and mental strategies– two step problems, inverse 5 lessons	Addition / subtraction – formal written methods Use addition and subtraction to solve word problems involving time 5 lessons	Addition / subtraction – formal written methods – cumulative and associative laws 5 lessons  Add and subtract numbers - 4 digits using formal written methods where appropriate use inverse operations Reasoning using +/- involving different measures, including money in pounds and pence 5 lessons	Use addition and subtraction to solve word problems involving time 2 lessons	Addition / subtraction – formal written methods – Use addition and subtraction to solve word problems 5 lessons  Addition / subtraction – formal written methods – Use addition and subtraction to solve word problems 4 lessons	Addition / subtraction – formal written methods / informal methods– Use addition and subtraction to solve word problems 5 lessons
<b>Number – Multiplication and division</b>		Multiplication and division – informal pencil paper – developing to written methods 12 x 12, doubling /halving 5 lessons  Real life problems – multiplication and division – incorporating money 5 lessons		Place value this term includes multiplication facts and factors  Multiplication and division – facts, divisions with remainders, reasoning / problem solving 5 lessons  Multiplication / division problem solving including 3 lessons		Multiplication and division – written methods – and informal methods problem solving 5 lessons  Number facts, informal methods, formal methods Problem solving 5 lessons
<b>Number Fractions – decimals and percentages</b>		Fractions and decimals – equivalence, mixed number etc. 5 lessons	Fractions and decimals 5 lessons	Fractions and decimals – ordering, equivalence problem solving involving and money  5 lessons	Adding and subtracting fractions 1 lesson	Fractions decimals – problem solving 5 lessons
<b>Geometry - Property of Shape</b>	2D / 3D-Compare, classify , symmetry 5 lessons				2D / 3D-Compare, classify , symmetry 3 lessons  Angles 1 lesson	
<b>Geometry – position and direction</b>	Coordinates 2 lessons		Position and direction ,		Coordinates 2 lessons	

			coordinates , compass 5 lessons		Angles linked with position and direction 2 lessons	
<b>Measurement</b>	Measures length, mass, capacity, money, time etc. 5 lessons  Perimeter 3 lessons	Time covered in addition and subtraction this term  Money covered in multiplication and division	Money covered in +/-  Time, mass, area 5 lessons	Time covered in addition and subtraction this term  Money covered in fractions this term	Measures , time etc. 3 lessons  Perimeter, area 2 lessons	Time 2 lessons
<b>Statistics</b>		Data – graphs / bar charts etc. 5 lessons		Statistics – involving problem solving 8 lessons		Statistics – involving problem solving 4 lessons
<b>Ratio and Proportion</b>						
<b>Algebra</b>						

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## Progression in Mathematics Overview annual topic coverage

Y1

	Autumn 1 Block 1	Autumn 2 Block 2	Spring 1 Block 3	Spring 2 Block 4	Summer 1 Block 5	Summer 2 Block 6
<b>Number and place value</b>	Place Value – number and the number system up to 100 <b>10 lessons</b>  Place Value – incorporating money <b>5 lessons</b>	Place Value – number and the number system <b>5 lessons</b>	Place Value – number and the number system <b>5 lessons</b>  Place Value – number and the number system <b>5 lessons</b>	Place Value – number and the number system <b>5 lessons</b>  Place Value – number and the number system <b>5 lessons</b>	Place Value – number and the number system <b>5 lessons</b>  Place Value – number and the number system <b>5 lessons</b>	Place Value – number and the number system <b>5 lessons</b>  Place Value – number and the number system <b>5 lessons</b>
<b>Number – addition / subtraction</b>	Addition / subtraction – one step problems, number bonds to 20 <b>5 lessons</b>	Addition and subtraction <b>8 lessons</b>  Money +/- reasoning and problem solving <b>5 lessons</b>	Addition and subtraction <b>5 lessons</b>  Money +/- reasoning and problem solving <b>5 lessons</b>	Addition and subtraction <b>5 lessons</b>	Covered in place value topic this term  Addition and subtraction <b>5 lessons</b>	Addition and subtraction of money covered in measures  Addition / subtraction / problem solving covered in Place value units  Addition and Subtraction <b>5 lessons</b>
<b>Number – Multiplication and division</b>		Multiplication <b>2 lessons</b>	Place Value lessons inclusive of multiplication and division	Place Value lessons inclusive of multiplication and division		
<b>Number Fractions – decimals and percentages</b>			Fractions <b>3 lessons</b>	Fractions <b>3 lessons</b>	Fractions <b>4 lessons</b>	
<b>Geometry - Property of Shape</b>		Shape – 3D 2D <b>3 lessons</b>		Shape – 3D 2D <b>3 lessons</b>		Shape – 3D 2D <b>3 lessons</b>
<b>Geometry – position and direction</b>		Position movement <b>1 lesson</b>		Position movement <b>2 lesson</b>		Position movement <b>2 lesson</b>
<b>Measurement</b>	Money covered in Place value this term  Measures – chronology, length <b>3 / 4 lessons</b>  Measures Length, time <b>5 lessons</b>	Money – covered in addition and subtraction this term <b>5 lesson</b>	Money – covered in addition and subtraction this term 5 lesson  Measures length, mass, capacity etc. <b>5 lessons</b>	Measures length, mass, capacity time etc. <b>5 lessons</b>	Measures length, mass, capacity time etc. Plus Volume <b>7 lessons</b>  Money – plus addition and subtraction problem solving <b>5 lessons</b>	Money – plus addition and subtraction problem solving <b>5 lessons</b>  Measures length, mass, capacity time etc. Plus Volume  <b>5 lessons</b>
<b>Statistics</b>		Statistics <b>3 lessons</b>		Statistics <b>3 lessons</b>		Statistics <b>3 lessons</b>
<b>Ratio and Proportion</b>						
<b>Algebra</b>						

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Y2

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<b>Number and place value</b>	Place Value – number and the number system 5 lessons	Place Value – number and the number system 5 lessons	Place Value – number and the number system 5 lessons  Place Value – number and the number system 5 lessons	Place Value – number and the number system 5 lessons	Place Value – number and the number system 5 lessons	Place Value – number and the number system 5 lessons
<b>Number – addition / subtraction</b>	Addition and place value 5 lessons  Addition and place value 5 lessons	Addition and subtraction 5 lessons	Addition and Subtraction 5 lessons  Addition and Subtraction n-problem solving involving money 5 lessons	Addition and Subtraction 5 lessons	Addition and Subtraction 5 lessons	Addition and Subtraction 5 lessons
<b>Number – Multiplication and division</b>	Threaded through mental / oral starters	Multiplication and division 5 lessons	Threaded through mental / oral starters	Multiplication and division 5 lessons	Threaded through mental / oral starters	Using and applying in place value this term
<b>Number Fractions – decimals and percentages</b>			Fractions 5 lessons		Fractions 5 lessons	Potentially Need to plan an additional week of fractions in the 3 weeks left over
<b>Geometry - Property of Shape</b>		Shape 3 lessons		Shape 2 lessons		Shape 3 lessons
<b>Geometry – position and direction</b>		Position and direction 3 lessons		Position and direction 3 lessons		Position and direction 3 lessons
<b>Measurement</b>	Money – problem solving 5 lessons  Measures length, mass, capacity time 8 lessons	Money within addition and subtraction this term	Money within addition and subtraction this term  Measures length, mass, capacity time 5 lessons		Money – Problem solving – linked with addition and subtraction 5 lessons  Measures length, mass, capacity time 8 lessons	Money – Problem solving – linked with addition and subtraction and multiplication / division 5 lessons  Measures length, mass, capacity time 5 lessons
<b>Statistics</b>		Data 5 lessons		Data 5 lessons		Using and applying in place value this term  Data 4 lessons
<b>Ratio and Proportion</b>						
<b>Algebra</b>						

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