

PRIMARY MATHS SERIES – YEAR 1 AT A GLANCE

	AUTUMN TERM	SPRING TERM	SUMMER TERM	
Week 1	Number and Place Value: Numbers to 10 LESSON BREAKDOWN	Calculations: Addition and Subtraction within 20 LESSON BREAKDOWN	Calculations: Multiplication LESSON BREAKDOWN	
Week 2		Geometry – Properties of Shape: Shapes and Patterns LESSON BREAKDOWN	Calculations: Division LESSON BREAKDOWN	
Week 3	Calculations: Addition and Subtraction LESSON BREAKDOWN	Measurement: Length and Height LESSON BREAKDOWN	Fractions: Fractions LESSON BREAKDOWN	
Week 4			Number and Place Value: Numbers to 100 LESSON BREAKDOWN	
Week 5		Revision and Mid-year (A) Tests	Measurement: Time LESSON BREAKDOWN	
Week 6		Review and Remediation		Measurement: Money LESSON BREAKDOWN
Week 7				Measurement: Volume and Capacity LESSON BREAKDOWN
Week 8	Geometry – Position and Direction: Positions LESSON BREAKDOWN	Number and Place Value: Numbers to 40 LESSON BREAKDOWN	Measurement: Mass LESSON BREAKDOWN	
Week 9	Number and Place Value: Numbers to 20 LESSON BREAKDOWN		Calculations: Addition and Subtraction LESSON BREAKDOWN	Geometry – Position and Direction: Space LESSON BREAKDOWN
Week 10		Calculations: Addition and Subtraction within 20 LESSON BREAKDOWN		Revision and End-of-year (B) Tests
Week 11	Calculations: Multiplication LESSON BREAKDOWN		Review and Remediation	
Week 12				

PRIMARY MATHS SERIES – YEAR 2 AT A GLANCE

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	Number and Place Value: Numbers to 100 LESSON BREAKDOWN	Statistics: Picture Graphs LESSON BREAKDOWN	Measurement: Time LESSON BREAKDOWN Measurement: Volume LESSON BREAKDOWN
Week 2	Calculations: Addition and Subtraction LESSON BREAKDOWN	Mid-year (A) Tests and Remediation	
Week 3		Calculations: More Word Problems LESSON BREAKDOWN	
Week 4	Calculations: Multiplication of 2, 5 and 10 LESSON BREAKDOWN	Measurement: Money LESSON BREAKDOWN	SATs
Week 5		Geometry – Properties of Shapes: 2-D Shapes LESSON BREAKDOWN	Review and Revisit Topics
Week 6			
Week 7	Calculations: Multiplication and Division of 2, 5 and 10 LESSON BREAKDOWN	Geometry – Properties of Shapes: 3-D Shapes LESSON BREAKDOWN	
Week 8			
Week 9	Measurement: Length LESSON BREAKDOWN	Fractions: Fractions LESSON BREAKDOWN	Revision and End-of-year (B) Tests
Week 10	Measurement: Mass LESSON BREAKDOWN		Review and Revisit Topics
Week 11			
Week 12	Measurement: Temperature LESSON BREAKDOWN	Review and Revisit Topics	

PRIMARY MATHS SERIES – YEAR 3 AT A GLANCE

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	Number and Place Value: Numbers to 1000 LESSON BREAKDOWN	Measurement: Length LESSON BREAKDOWN	Statistics: Picture and Bar Graphs LESSON BREAKDOWN
Week 2			Fractions, Decimals and Percentages: Fractions LESSON BREAKDOWN
Week 3	Measurement: Mass LESSON BREAKDOWN		
Week 4	Calculations: Addition and Subtraction LESSON BREAKDOWN	Measurement: Volume LESSON BREAKDOWN	
Week 5		Mid-year (A) Tests and Remediation	
Week 6	Measurement: Money LESSON BREAKDOWN	Geometry – Properties of Shapes: Angles LESSON BREAKDOWN	
Week 7		Geometry – Properties of Shapes: Lines and Shapes LESSON BREAKDOWN	
Week 8			Measurement: Time LESSON BREAKDOWN
Week 9	Calculations: Multiplication and Division LESSON BREAKDOWN	Measurement: Perimeter of Figures LESSON BREAKDOWN	
Week 10			End-of-year (B) Tests and Remediation
Week 11	Calculations: Further Multiplication and Division LESSON BREAKDOWN		
Week 12			

PRIMARY MATHS SERIES – YEAR 4 AT A GLANCE

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	Number and Place Value: Numbers to 10 000 <small>LESSON BREAKDOWN</small>	Calculations: Further Multiplication and Division <small>LESSON BREAKDOWN</small>	Measurement: Money <small>LESSON BREAKDOWN</small>
Week 2			
Week 3			
Week 4	Calculations: Addition and Subtraction within 10 000 <small>LESSON BREAKDOWN</small>	Statistics: Graphs <small>LESSON BREAKDOWN</small>	Measurement: Mass, Volume and Length <small>LESSON BREAKDOWN</small>
Week 5			
Week 6		Fractions, Decimals and Percentages: Fractions <small>LESSON BREAKDOWN</small>	Measurement: Area of Figures <small>LESSON BREAKDOWN</small>
Week 7			
Week 8	Calculations: Multiplication and Division <small>LESSON BREAKDOWN</small>	Measurement: Time <small>LESSON BREAKDOWN</small>	Geometry – Properties of Shapes: Geometry <small>LESSON BREAKDOWN</small>
Week 9		Mid-year (A) Tests and Remediation	
Week 10		Fractions, Decimals and Percentages: Decimals <small>LESSON BREAKDOWN</small>	Geometry – Position and Direction: Position and Movement <small>LESSON BREAKDOWN</small>
Week 11			Number and Place Value: Roman Numerals <small>LESSON BREAKDOWN</small>
Week 12			End-of-year (B) Tests and Remediation
	Calculations: Further Multiplication and Division <small>LESSON BREAKDOWN</small>		

PRIMARY MATHS SERIES – YEAR 5 AT A GLANCE

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	Number and Place Value: Numbers to 1 000 000 LESSON BREAKDOWN	Fractions, Decimals and Percentages: Fractions LESSON BREAKDOWN	Geometry – Position and Direction: Position and Movement LESSON BREAKDOWN
Week 2			Measurement: Measurements LESSON BREAKDOWN
Week 3			
Week 4	Calculations: Addition and Subtraction LESSON BREAKDOWN	Mid-year (A) Tests and Remediation	Measurement: Area and Perimeter LESSON BREAKDOWN
Week 5			
Week 6	Calculations: Multiplication and Division LESSON BREAKDOWN	Fractions, Decimals and Percentages: Decimals LESSON BREAKDOWN	Measurement: Volume LESSON BREAKDOWN
Week 7			
Week 8		Fractions, Decimals and Percentages: Percentage LESSON BREAKDOWN	
Week 9			
Week 10	Calculations: Word Problems LESSON BREAKDOWN	Geometry – Properties of Shapes: Geometry LESSON BREAKDOWN	Number and Place Value: Roman Numerals LESSON BREAKDOWN
Week 11	Statistics: Graphs LESSON BREAKDOWN		Review and Revision
Week 12			End-of-year (B) Tests and Remediation

Year 6 Yearly maths plan

Term	Content			
Autumn 1	Place value Addition Subtraction Multiplication Division	use negative numbers in context, and calculate intervals across zero	perform mental calculations, including with mixed operations and large numbers	solve problems involving addition, subtraction, multiplication and division
		read, write, order and compare numbers up to 10 000 000 and determine the value of each digit	use their knowledge of the order of operations to carry out calculations involving the four operations	multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication
		identify the value of each digit to three decimal places and multiply and divide numbers by 10, 100 and 1 000 where the answers are up to three decimal places	use estimation to check answers to calculations and determine, in the context of a problem, levels of accuracy.	divide numbers up to 4-digits by a two-digit whole number using the formal written method of short division where appropriate for the context divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context
		round any whole number to a required degree of accuracy	solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	use written division methods in cases where the answer has up to two decimal places
		solve problems which require answers to be rounded to specified degrees of accuracy	solve problems involving addition, subtraction, multiplication and division	identify common factors, common multiples and prime numbers
		solve number and practical problems that involve all of the above	Check calculations for accuracy using the rules of divisibility	use their knowledge of the order of operations to carry out calculations involving the four operations
		Use decimal notation for tenths, hundredths and thousandths, partition and order numbers with up to three decimal places, and position them on the number line	use estimation to check answers to calculations and determine, in the context of a problem, levels of accuracy	recognise that prime numbers have only two factors and identify prime numbers less than 100; find the prime factors of two-digit whole numbers
Autumn 2	Fractions Decimals Percentages Ratio/ proportion	compare and order fractions including fractions >1	multiply one-digit numbers with up to two decimal places by whole numbers	solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts
		recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.	Divide proper fractions by whole numbers	
		solve problems which require answers to be rounded to specified degrees of accuracy	multiply one-digit numbers with up to two decimal places by whole numbers	solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison
		use common factors to simplify fractions; use common multiples to express fractions in the same denomination	multiply and divide numbers by 10, 100 and 1000 where the answers are up to three decimal places	
		associate a fraction with division and calculate decimal fraction equivalents (e.g. 0.375) for a simple fraction (e.g. $\frac{3}{8}$)	identify the value of each digit to three decimal places and multiply and divide numbers by 10, 100 and 1000 where the answers are up to three decimal places	solve problems involving similar shapes where the scale factor is known or can be found
		add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions multiply simple pairs of proper fractions, writing the answer in its simplest form	find fractions and percentages of whole-number quantities, e.g. $\frac{5}{8}$ of 96, 65% of £260	
			identify the value of each digit in numbers given to three decimal places	solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

Spring 1	Algebra Measurements and time	express missing number problems algebraically	recognise that shapes with the same areas can have different perimeters and vice versa
		find pairs of numbers that satisfy number sentences involving two unknowns	calculate the area of parallelograms and triangles
		use simple formulae	calculate, estimate and compare volume of cubes and cuboids using standard units
		generate and describe linear number sequences	use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places
		<u>Measurement / time</u>	
		calculate, estimate and compare volume of cubes and cuboids using standard units. Extend to mm and km	solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate
		recognise when it is possible to use formulae for area and volume of shapes	convert between miles and kilometres
		solve problems involving the calculation and conversion of units of measure , using decimal notation up to three decimal places where appropriate	
Spring 2	Geometry Shape position	recognise, describe and build simple 3-D shapes, including making nets	
		illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius	
		draw 2-D shapes using given dimensions and angles	
		compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons	
		recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles	
		describe positions on the full coordinate grid (all four quadrants)	
		draw and translate / rotate simple shapes on the coordinate plane, and reflect them in the axes.	
Summer 1	Statistics consolidation	interpret and construct pie charts and line graphs and use these to solve problems; Solve problems involving selecting, processing, presenting and interpreting data, using ICT where appropriate; construct and interpret frequency tables, bar charts with grouped discrete data, and line graphs; interpret pie charts; draw conclusions	
		calculate and interpret the mean, median and mode as an average	
		discuss the likelihood (probability) of an event.	
Summer 2	Consolidation / transition	<ul style="list-style-type: none"> • carry out short multiplication and division of numbers involving decimals; • carry out long multiplication of a three-digit by a two-digit integer; • identify and use the appropriate operations (including combination of operations) to solve word problems involving numbers and quantities, and explain methods and reasoning; • choose and use appropriate number operations to solve problems and appropriate ways of calculating: mental, mental with jottings, written methods, and calculator; • factorise numbers into prime factors; • develop calculator skills and use a calculator effectively. 	

