

YEAR 3/4 MATHS MEDIUM TERM PLAN



	Weeks 1-4	Weeks 5-8		Weeks 9-11	Week 12
Autumn term	Place Value	Addition and Subtraction		Multiplication and Division	Measurement and Area
	Hundreds, tens and ones Represent numbers to 1,000 Partition numbers to 1,000 Thousands Represent Numbers to 10,000 Partition numbers to 10,000 Flexible partitioning Find 1,10, 100 or 1,000 more or less Number lines to 1,000 Number lines to 10,000 Estimate on a number line Compare numbers Order numbers Round to the nearest 10 Round to the nearest 100 Round to the nearest 1,000 Round to the nearest 10,100 and 1,000 Roman Numerals	Add and subtract 1s, 10s, 100s and 1,000s Add 1s, 10s, 100s, and 1,000s across a boundary Subtract 1s, 10s, 100s, and 1,000s across a boundary Add up to two 4-digit numbers – no exchange Add up to two 4-digit numbers (across a 10) Add up to two 4-digit numbers (across a 100) Add up to two 4-digit numbers (across a 1,000) Add numbers with a different number of digits Subtract up to two 4-digit numbers – no exchange Subtract up to two 4-digit numbers (across a 10) Subtract up to two 4-digit numbers (across a 100) Subtract up to two 4-digit numbers (across a 1,000) Subtract numbers with a different numbers of digits Complements to 100 and 1,000 Estimate answers Inverse operations Efficient methods		Arrays Sharing and grouping The 2, 5 and 10 times-tables The 4 times-table The 8 times-table The 2, 4 and 8 times-tables The 3 times-table The 6 times-table The 9 times-table The 3, 6 and 9 times-tables The 7 times-table The 11 times-table The 12 times-table Multiply by 1 and 0 Divide a number by 1 and itself	What is area? Count Squares Make Shapes Compare Areas
	Weeks 1-3	Weeks 4-5	Weeks 6-8	Weeks 8-9	Weeks 10-12
Spring term	Multiplication and Division	Length and Perimeter	Fractions	Mass and Capacity	Fractions
	Factor pairs Multiply and divide by 10 and 100 Reasoning about multiplication Multiply three numbers Efficient multiplication Scaling Correspondence problems	Measure in centimetres and millimetres Measure in kilometres and metres Kilometres, metres, centimetres and millimetres Equivalent lengths	Understand denominators Compare & order unit fractions Understand numerators Understand the whole Fractions on a number line Compare & order non-unit fractions	Measure mass in grams Measure mass in kilograms and grams Equivalent masses Compare mass Add and subtract mass	Add fractions Add fractions and Mixed Numbers Subtract fractions Subtract from whole amounts

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	Multiply up to a 3-digit number by a 1-digit number – no exchange Multiply up to a 3-digit number by a 1-digit number – with exchange Related calculations – multiplication and division Divide by a 1-digit number – flexible partitioning Divide up to a 3-digit number by a 1-digit number – no exchange Divide up to a 3-digit number by a 1-digit number – with exchange Divide up to a 3-digit number by a 1-digit number – with remainders	Add and subtract lengths What is perimeter? Calculate perimeter Perimeter of rectilinear shapes Calculate perimeter of rectilinear shapes Perimeter of polygons	Equivalent fractions Count beyond 1 Partition a mixed number Compare & order mixed numbers Understand improper fractions Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers Equivalent fraction families	Measure capacity and volume in millilitres Measure capacity and volume in millilitres and litres Equivalent capacities and volumes Compare capacity and volume Add and subtract capacity and volume	Subtract from mixed numbers Unit fractions of an amount Non-unit fractions of an amount Reasoning with fractions of an amount	
Summer Term	Week 1-2	Week 3-5	Weeks 6-7	Weeks 8-9	Week 10	Weeks 10-12
	Shape	Decimals	Money	Shape	Position and Direction	Statistics
	Tell the time to 5 minutes Tell the time to the minute Read time of a digital clock Use a.m. and p.m. Convert between analogue and digital times Convert between 12- and 24-hour clock times Hours, minutes and seconds Find and use durations Years, months, weeks and days	Tenths as fractions Tenths as decimals Tenths on a place value chart Tenths on a number line Hundredths as fractions Hundredths as decimals Hundredths on a place value chart Halves and quarters as decimals Make a whole Partition decimals Compare and order decimals Round to the nearest whole number	Pound and pence Write money using decimals Convert pounds and pence Compare amounts of money Estimate with money Add money Subtract money Find change Solve problems with money	Turns and angles Identify angles Compare and order angles Types of lines Triangles Quadrilaterals Polygons Draw polygons Symmetry 3-D shapes	Describe position using coordinates Plot coordinates Draw 2-D shapes on a grid Translate on a grid Describe translation on a grid	Pictograms Interpret bar charts Draw bar charts Comparison, sum and difference Interpret line graphs Draw line graphs Two-way tables Collect and represent data

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		Divide a number by 10 Divide a number by 100				
	Daily Arithmetic sessions consolidates all units covered through calculation					