YEAR 3/4 MATHS MEDIUM TERM PLAN

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
	Place Value			Addition and subtraction				Multiplication and division A			Year 3- **Multiplication and division**	**Place Value**
											Multiply by 8 Divide by 8 The 8 times-table The 2,4 and 8 times-tables	
Autumn term	Year 3 Represent numbers to 100 Partition numbers to 100 Number line to 100 Hundreds Represent numbers to 1,000 Partition numbers to 1,000 Flexible partitioning of numbers to 1,000 Hundreds, tens and ones Find 1, 10 or 100 more or less	Year 4 Represent numbers to 1,000 Partition numbers to 1,000 Number line to 1,000 Thousands Represent numbers to 10,000 Partition numbers to 10,000 Flexible partitioning of numbers to 10,000 Find 1, 10, 100, 1,000 more or less		Year 3 Apply number bonds within 10 Add and subtract 1s Add and subtract 10s Add and subtract 100s Spot the pattern Add 1s across a 10 Add 10s across a 100 Subtract 1s across a 10subtract 10s across a 100 Make connections Add two numbers (no exchange) Subtract two numbers (no exchange) Add two numbers (across a 10) Add two numbers (across a 100) Subtract two numbers (across a 10) Subtract two numbers (across a 100) Add two-digit and three-digit numbers Subtract a 2-digit number from a 3-digit number		Year 4 Add and subtract 1s, 10s, 100s and 1,000s Add up to two 4-digit numbers – no exchange Add two 4-digit numbers – one exchange Add two 4-digit numbers – more than one exchange Subtract two 4-digit numbers – no exchange Subtract two four-digit numbers – one exchange Subtract two four-digit numbers – more than one exchange Efficient subtraction Estimate answers Checking strategies		Year 3 Multiplication – equal groups Use arrays Multiples of 2 Multiples of 5 and 10 Sharing and grouping Multiply by 3 Divide by 3 The 3 times-table Multiply by 4 Divide by 4 The 4 times-table		Year 4 Multiples of 3 Multiply and divide by 6 6 times-table and division facts Multiply and divide by 9 9 times-table and division facts The 3, 6 and 9 times-tables Multiply and divide by 7 7 times-table and division facts 11 times-table and division facts 12 times-table and division facts Multiply by 1 and 0 Divide a number by 1 and itself Multiply three numbers	Year 4- **Measurement - Area** What is area? Count squares Make shapes Compare areas	Year 3 Number line to 1,000 Estimate on a number line to 1,000 Compare numbers to 1,000 Order numbers to 1,000 Count in 50s
												Year 4 Number lines to 10,000 Estimate on a number line to 10,000 Compare and order numbers to 10,000 Roman numerals Round to the nearest 10, 100 and 1,000

YEAR 3/4 MATHS MEDIUM TERM PLAN

Spring term

	Multiplication and division B		Length and perimeter		Fractions A		Measurement	Fractions B	
	Year 3	Year 4	Year 3	Year 4	Year 3	Year 4	**Year 3- Measurement**	Year 3	Year 4
	Multiples of 10 Related calculations Reasoning about multiplication Multiply a 2-digit number by a 1-digit number – no exchange Multiply a 2-digit number by a 1-digit number – with exchange Link multiplication and division Divide a 2-digit number by a 1-digit number – no exchange Divide a 2-digit number by a 1-digit number - flexible partitioning Divide a 2-digit number by a 1-digit number – with remainders Scaling How many ways?	Factor pairs Use factor pairs Multiply by 10 Multiply by 100 Divide by 10 Divide by 100 Related facts – multiplication and division Informal written methods for multiplication Multiply a 2-digit number by a 1-digit number Multiply a 3-digit number by a 1-digit number Divide a 2-digit number by a 1-digit number (1) Divide a 2-digit number by a 1-digit number (2) Divide a 3-digit number by a 1-digit number Correspondence problems Efficient multiplication	Measure in metres and centimetres Measure in millimetres Measure in centimetres and millimetres Metres, centimetres and millimetres Equivalent lengths (m and cm) Equivalent lengths (cm and mm) Compare lengths Add lengths Subtract lengths What is perimeter? Measure perimeter Calculate perimeter	Measure in km and m Equivalent lengths (km and m) Perimeter on a grid Perimeter of a rectangle Perimeter of rectilinear shapes Find missing lengths in rectilinear shapes Perimeter of regular polygons Perimeter of polygons	Understand the denominators of unit fractions Compare and order unit fractions Understand the numerators of non-unit fractions Understand the whole Compare and order non-unit fractions Fractions and scales Fractions on a number line Count in fractions on a number line Equivalent fractions on a number line Equivalent fractions as bar models	Understand the whole Count beyond 1 Partition a mixed number Number lines with mixed numbers Compare and order mixed numbers Understand improper fractions Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers Equivalent fractions on a number line Equivalent fraction families	**Mass and capacity** Use scales Measure mass in grams Measure mass in kilograms and grams Equivalent masses (kg and g) Compare mass Add and subtract mass Measure capacity and volume in millimetres Measure capacity and volume in litres and millilitres **Year 4- Measurement Converting measures** Convert mass (g ang kg) Convert capacity (ml and l) Convert length (m and cm)	Add fractions Subtract fractions Partition the whole Unit fractions of a set of objects Non-unit fractions of a set of objects Reasoning with fractions of an amount	Add two or more fractions Add fractions and mixed numbers Subtract two fractions Subtract from whole amounts Subtract from mixed numbers

Summer term

	Measurement Time		Year 3- **Time**	Year 3- **Addition and Subtraction**	Money		Shape		Year 3- **Consolidation**	Statistics	
			Minutes and seconds Units of time Solve problems with time	Complements to 100 Estimate answers Inverse operations Make decisions							
	Year 3 Roman numerals to 12	Year 4 Years, months, weeks and days	Year 4- **Decimals** Tenths as fractions		Year 3 Pounds and pence	Year 4	Year 3 Turns and angles	Year 4	Year 4- **Geometry**	Year 3 Interpret pictograms	Year 4 Interpret charts

YEAR 3/4 MATHS MEDIUM TERM PLAN

Tell the time to 5 minutes Tell the time to the minute Read time on a digital clock Use am and pm Years, months and days Days and hours Hours and minutes – use start and end times Hours and minutes – use durations	Hours, minutes and seconds Convert between analogue and digital times Convert to the 24-hour clock Convert from the 24-hour clock	Tenths as decimals Tenths on a place value chart Tenths on a number line Divide a 1-digit number by 10 Divide a 2-digit number by 10 Hundredths as fractions Hundredths as decimals Hundredths on a place value chart Divide a 1-digit or 2-digit number by 100 Make a whole with tenths and hundredths Partition decimals Compare and order decimals Round to the nearest whole number Halves and quarters as decimals	Convert pounds and pence Add money Subtract money Find change	Write money using decimals Convert between pounds and pence Compare amounts of money Estimate with money Calculate with money Solve problems with money	Right angles Compare angles Measure and draw accurately Horizontal and vertical Parallel and perpendicular Recognise and describe 2-D shapes Draw polygons Recognise and describe 3-D shapes Make 3-D shapes	Understand angles as turns Identify angles Compare and order angles Triangles Quadrilateral Polygons Lines of symmetry Complete a symmetric figure	**Position and direction** Describe position using coordinates Plot coordinates Draw 2-D shapes on a grid Translate on a grid Describe translation on a grid	Draw pictograms Interpret bar charts Draw bar charts Collect and represent data Two-way tables	Comparison, sum and difference Interpret line graphs Draw line graphs
	Arithmetic (Operation Friday) consolidates all units covered through calculation									