Curriculum Intent: MATHEMATICS (2024-25)

Year 3 MATHEMATICS					
ADVENT 1	ADVENT 2	LENT 1	LENT 2	PENTECOST 1	PENTECOST 2
Number: Place Value [3 weeks] Step 1: Represent numbers to 100 Step 2: Partition numbers to 100 Step 3: Number line to 100 Step 4: Hundreds Step 5: Represent numbers to 1,000 Step 6: Partition numbers to 1,000 Step 7: Flexible partitioning of numbers to 1,000 Step 8: Hundreds, tens and ones Step 9: Find 1, 10 or 100 more or less Step 10: Number line to 1,000 Step 11: Estimate on a number line to 1,000 Step 12: Compare numbers to 1,000 Step 13: Order numbers to 1,000 Step 14: Count in 50s	**Number: Addition and Subtraction [2 weeks]** Step 10: Make connections Step 11: Add two numbers (no exchange) Step 12: Subtract two numbers (no exchange) Step 13: Add two numbers (across a 10) Step 14: Add two numbers (across a 100) Step 15: Subtract two numbers (across a 10) Step 16: Subtract two numbers (across a 100) Step 17: Add 2-digit and 3-digit numbers Step 18: Subtract a 2-digit number from a 3-digit number Step 19: Complements to 100 Step 20: Estimate answers Step 21: Inverse operations Step 22: Make decisions	**Number: Multiplication and Division B [3 weeks]** Step 1: Multiples of 10 Step 2: Related calculations Step 3: Reasoning about multiplication Step 4: Multiply a 2-digit by 1-digit number – with exchange Step 5: Multiply a 2-digit number by a 1-digit number – with exchange Step 6: Link multiplication and division Step 7: Divide a 2-digit number by a 1-digit number – no exchange Step 8: Divide a 2-digit number by a 1-digit number – flexible partitioning Step 9: Divide a 2-digit number by a 1-digit number – with remainders	**Number: Fractions A [3 weeks]** Step 1: Understand the denominators of unit fractions Step 2: Compare and order unit fractions Step 3: Understand the numerators of non-unit fractions Step 4: Understand the whole Step 5: Compare and order non-unit fractions Step 6: Fractions on a number line Step 7: Fractions on a number line Step 8: Count in fractions on a number line Step 9: Equivalent fractions on a number line Step 10: Equivalent fractions as bar models	**Number: Fractions B [2 weeks]** Step 1: Add fractions Step 2: Subtract fractions Step 3: Partition the whole Step 4: Unit fractions of a set of objects Step 5: Non-unit fractions of a set of objects Step 6: Reasoning with fractions of an amount **Measurement: Money [2 weeks]** Step 1: Pounds and pence Step 2: Convert pounds and pence Step 3: Add money Step 4: Subtract money Step 5: Find change **Measurement: Time [2 weeks]** Step 1: Roman numbers to 12	**Measurement: Time [1 week]** Step 9: Hours and minutes – use durations Step 10: Minutes and seconds Step 11: Units of time Step 12: Solve problems with time **Geometry: Shape [2 weeks]** Step 1: Turns and angles Step 2: Right angles Step 3: Compare angles Step 4: Measure and draw accurately Step 5: Horizontal and vertical Step 6: Parallel and perpendicular Step 7: Recognise and describe 2-D shapes Step 8: Draw polygons Step 9: Recognise and describe 3-D shapes

Number: Addition and Subtraction [3 weeks]	Number: Multiplication and Division A [4 weeks]	Step 10: Scaling Step 11: How many ways?	Measurement: Mass and Capacity [3 weeks]	Step 2: Tell the time to 5 minutes	Step 10: Make 3-D shapes
Step 1: Apply number bonds within 10	Step 1: Multiplication – equal groups	**Measurement: Length and Perimeter [3 weeks]**	Step 1: Use scales	Step 3: Tell the time to the minute	**Statistics [2 weeks]**
Step 2: Add and subtract 1s	Step 2: Use arrays	Step 1: Measure in metres and centimetres	Step 2: Measure mass in grams	Step 4: Read time on a digital clock	Step 1: Interpret pictograms
Step 3: Add and subtract 10s	Step 3: Multiples of 2	Step 2: Measure in millimetres	Step 3: Measure mass in kilograms and grams	Step 5: Use a.m. and p.m.	Step 2: Draw pictograms
Step 4: Add and subtract 100s	Step 4: Multiples of 5 and 10	Step 3: Measure in centimetres and millimetres	Step 4: Equivalent masses (kilograms and grams)	Step 6: Years, months and days	Step 3: Interpret bar charts
Step 5: Spot the pattern	Step 5: Sharing and grouping	Step 4: Metres, centimetres and millimetres	Step 5: Compare mass	Step 7: Days and hours	Step 4: Draw bar charts
Step 6: Add 1s across a 10	Step 6: Multiply by 3	Step 5: Equivalent lengths (metres and centimetres)	Step 6: Add and subtract mass	Step 8: Hours and minutes – use start and end times	Step 5: Collect and represent data
Step 7: Add 10s across a 100	Step 7: Divide by 3	Step 6: Equivalent lengths (centimetres and millimetres)	Step 7: Measure capacity and volume in millimetres		Step 6: Two-way tables
Step 8: Subtract 1s across a 10	Step 8: The 3 times-table	Step 7: Compare lengths	Step 8: Measure capacity and volume in litres and millilitres		**Consolidation and Assessment [1 week]**
Step 9: Subtract 10s across a 100	Step 9: Multiply by 4	Step 8: Add lengths	Step 9: Equivalent capacities and volumes (litres and millilitres)		
	Step 10: Divide by 4	Step 9: Subtract lengths	Step 10: Compare capacity and volume		
	Step 11: The 4 times-table	Step 10: What is perimeter?	Step 11: Add and subtract capacity and volume		
	Step 12: Multiply by 8	Step 11: Measure perimeter			
	Step 13: Divide by 8	Step 12: Calculate perimeter			
	Step 14: The 8 times-tables				
	Step 15: The 2, 4 and 8 times-tables				

YEAR 3 VOCABULARY					
Number: Place Value	**Number: Addition and Subtraction**	**Number: Multiplication and Division**	**Number: Fractions**	**Number: Fractions**	**Measurement: Time**
Hundreds, tens, ones, zero, greater than, less			Numerator, denominator, unit	Numerator, denominator, unit	12-hour time, 24-hour time, roman numerals,

than, order, more, less, partition, digit	Add, total, plus, sum, more, altogether, difference, subtract, less, minus, take away, column addition, column subtraction, exchange, estimate, inverse operation, solve problems, number facts, place value	Times tables, multiply by, divide by, array, fact families, regrouping	fraction, non-unit fraction, equivalent, halves, thirds, quarters, fifths, sixths, eighths, tenths, decimal tenths	fraction, non-unit fraction, equivalent, halves, thirds, quarters, fifths, sixths, eighths, tenths, decimal tenths	analogue, digital, hours, minutes, seconds, o'clock, half past, quarter past, quarter to, midday, midnight, noon
Number: Addition and Subtraction Add, total, plus, sum, more, altogether, difference, subtract, less, minus, take away, column addition, column subtraction, exchange, estimate, inverse operation, solve problems, number facts, place value	**Number: Multiplication and Division** Times tables, multiply by, divide by, array, fact families, regrouping	**Measurement: Perimeter** Metre (m), centimetre (cm), millimetre (mm), height, length, width, perimeter, further, furthest, higher, highest, longer, longest, shorter, shortest, taller, tallest	**Measurement: Mass and Capacity** Mass, gram, kilogram, capacity, volume, millilitre, litre, lighter, heavier	**Measurement: Money** Amount, change, coin, combinations, convert, note, pence, penny, pounds, value	**Geometry: Shape** Quarter turn, half turn, three-quarter turn, angle, right angle, acute, obtuse, horizontal, vertical, parallel, perpendicular, polygon, two-dimensional, three-dimensional, flat face, curved surface, edge, curved edge, vertex, vertices, apex, heptagon, octagon, tetrahedron
				Measurement: Time 12-hour time, 24-hour time, roman numerals, analogue, digital, hours, minutes, seconds, o'clock, half past, quarter past, quarter to, midday, midnight, noon	**Statistics** Data, pictogram, symbol, bar chart, horizontal axis, vertical axis, axes, scale, intervals, table, interpret