

Academy: St Nicholas C of E Long Term Map - Year 3 Maths (2022/2023)

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15
Autumn	Number: Place Value			Number: Addition and Subtraction				Half Term	Number: + & -	Number: Multiplication and Division			Consolidation		End of term
Spring	Number: M & D			Measure: Length and Perimeter			Half Term	Number: Fractions			Measurement: Mass and Capacity			End of term Easter Holiday	End of term Easter Holiday
Summer	Number: Fractions		Measure: Money		Measurement: Time		Half term	M: Time	Geometry: Properties of Shape		Statistics		Consolidation		End of term Summer Holiday

Number and Place Value	AU	SP	SU	Fractions (continued)	AU	SP	SU
Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number				Add and subtract fractions with the same denominator within one whole [for example, five sevenths add one seventh = six sevenths]			
Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)				Compare and order unit fractions, and fractions with the same denominators			
Compare and order numbers up to 1000				Solve problems that involve all of the above.			
Identify, represent and estimate numbers using different representations				Measures			
Read and write numbers up to 1000 in numerals and in words				Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)			
Solve number problems and practical problems involving these ideas.				Measure the perimeter of simple 2-D shapes			
Addition and Subtraction				Add and subtract amounts of money to give change, using both £ and p in practical contexts			
Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three-digit number and hundreds				Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks			
Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction				Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight			
Estimate the answer to a calculation and use inverse operations to check answers				Know the number of seconds in a minute and the number of days in each month, year and leap year			
Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.				Compare durations of events [for example to calculate the time taken by particular events or tasks].			
Multiplication and Division				Properties of Shape			
Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables				Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them			
Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods				Recognise angles as a property of shape or a description of a turn			
Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.				Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle			
Fractions				Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.			
Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10				Statistics			
Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators				Interpret and present data using bar charts, pictograms and tables			
Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators				Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.			
Recognise and show, using diagrams, equivalent fractions with small denominators							