

Year 3		Number, ratio and proportion, and algebra		Measurement, geometry and statistics	
AF1 - Number, place value, approximation and estimation/rounding	AF2 - Addition, subtraction, multiplication and division (calculations)	AF3 - Fractions, decimals and percentages	AF6 - Measurement	AF7 - Geometry – properties of shape	AF8 - Statistics
<ul style="list-style-type: none"> Count from 0 in multiples of 4, 8, 50 and 100 3N1b Compare and order numbers up to 1000 3N2a Read and write numbers to 1000 in numerals and in words 3N2a Find 10 or 100 more or less than a given number 3N2a Recognise the place value of each digit in a three-digit number (hundreds, tens, and ones) 3N3 Identify, represent and estimate numbers using different representations 3N4 Solve number problems and practical problems involving 3N1-5 	<ul style="list-style-type: none"> Add and subtract numbers mentally, including: <ul style="list-style-type: none"> a three-digit number and ones a three-digit number and tens a three digit number and hundreds 3C1 Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction 3C2 Estimate the answer to a calculation and use inverse operations to check answers 3C3 Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction 3C4 Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables 3C6 Write and calculate mathematical statements for multiplication and division, using the multiplication tables that children know, including for two-digit numbers times one digit numbers, using mental and progressing to formal written methods 3C7 Solve problems, including missing number problems, involving multiplication and division, including integer scaling problems and correspondence problems in which n objects are connected to m objects 3C8 	<ul style="list-style-type: none"> 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 3F1a Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominations 3F1b Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators 3F1c Recognise and show, using diagrams, equivalent fractions with small denominators 3F2 Compare and order unit fractions and fractions with the same denominators 3F3 Add and subtract fractions with the same denominator within one whole (e.g. $5/7 + 1/7 = 6/7$) 3F4 Solve problems that involve 3F1-3F4 	<ul style="list-style-type: none"> Compare lengths (m/cm/mm), mass (kg/g) and volume/capacity (l/ml) 3M1 Measure lengths, mass and volume/ capacity 3M2 Tell and write the time from an analogue clock; 12-and 24-hour clocks 3M4 Tell and write the time from an analogue clock, including using Roman numerals from I to XII 3M4c 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 3M4d Know the number of seconds in a minute and the number of days in each month, year and leap year 3M4e Compare durations of events (e.g. to calculate the time taken by particular events or tasks) 3M4f Measure the perimeter of simple 2-D shapes 3M7 Add and subtract amounts of money to give change, using both £ and p in practical context 3M9a Add and subtract lengths, mass and volume/capacity 3M9b-d 	<ul style="list-style-type: none"> Identify horizontal, vertical lines and pairs of perpendicular and parallel lines 3G2 Draw 2-D shapes 3G3a Make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them 3G3b Recognise that angles are a property of shape or a description of a turn 3G4a 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 3G4b 	<ul style="list-style-type: none"> Interpret and present data using bar charts, pictograms and tables 3S1 Solve one-step and two-step questions (e.g. 'How many more?' and 'How many fewer?') using information presented in scaled bar charts, pictograms and tables 3S2