Year 3 Maths Medium Term Plan

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Place Value Read and write numbers up to 1000 in numerals and words Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) Know that 10 tens are equivalent to 1 hundred, and that 100 is 10 times the size of 10; apply this to identify and work out how many 10s there are in other three-digit multiples of 10. Compose and decompose three-digit numbers using standard and non-standard partitioning. Find 10 more or less than a given number Find 100 more or less than a given number Identify, represent and estimate numbers using different representations. Reason about the location of any three-digit number in the linear number system, including identifying the previous and next multiple of 100 and 10.	**Addition & Subtraction** Understand the inverse relationship between addition and subtraction, and how both relate to the part–part–whole structure Use inverse operations to check answers Understand and use the commutative property of addition, and understand the related property for subtraction. Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction **Multiplication & Division** Count in multiples of 4 and 8 Recall and use multiplication and division facts for the 3, 4 and 8 times tables Apply known	**Multiplication & Division** Apply place value knowledge to known additive and multiplicative facts (scaling by 10) Solve missing number problems involving multiplication and division Solve positive integer scaling problems Solve correspondence problems in which n objects are connected to m objects **Fractions** Count up and down in tenths Reason about the location of any fraction within 1 in the linear number system. Compare and order unit fractions Compare and order fractions with the same denominators	**Fractions** Add and subtract fractions with the same denominator within one whole [for example, 5/7 + 1/7 = 6/7] Interpret and write proper fractions to represent 1 or several parts of a whole that is divided into equal parts. Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators **Length & Perimeter** Measure, compare, add and subtract -Lengths (m/cm/mm) Measure the perimeter of simple 2-D shapes	**Properties of Shape** Draw 2-D shapes Recognise 3-D shapes in different orientations and describe them Make 3-D shapes using modelling materials Recognise angles as a property of shape or a description of a turn 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 Identify horizontal and vertical lines Identify pairs of perpendicular and parallel lines **Time**	**Money** Add and subtract amounts of money to give change, using both £ and p in practical contexts **Mass & Capacity** Measure, compare, add and subtract Mass (kg/g) Volume/capacity (l/ml) **Statistics** Interpret and present data using bar charts, pictograms and tables 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

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Compare and order numbers up to 1000 Count in multiples of 50 and 100 Solve number problems and practical problems involving these ideas Addition & Subtraction Secure fluency in addition and subtraction facts that bridge 10, through continued practice. Add and subtract numbers mentally, including: -A three-digit number and ones -A three-digit number and tens -A three-digit number and hundreds Add and subtract numbers with up to three digits using columnar methods Calculate complements to 100 Estimate the answer to a calculation	multiplication and division facts to solve contextual problems with different structures, including quotitive and partitive division.	Recognise and show, using diagrams, equivalent fractions with small denominators		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 Tell and write the time from an analogue clock Tell and write the time from an analogue clock using Roman numerals from I to XII Tell and write the time from 12-hour and 24-hour clocks Estimate and read time with increasing accuracy to the nearest minute Know the number of seconds in a minute and the number of days in each month, year and leap year Compare durations of events [for example to calculate the time taken by particular events or tasks]	

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