Year 3 Medium Term Plan - Maths

Autumn Term						
Number and Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Properties of shape	Measurement	Statistics
2 week block	2 week block	2 week block	2 week block	2 week block	2 week block	2 week block

Spring Term						
Number – Number and Place Value	Number- Addition and Subtraction	Number – Multiplication and Division	Number - Fractions	Properties of shape	Measurement	Statistics
2 week block	2 week block	2 week block	2 week block	2 week block	2 week block	2 week block

Summer Term						
Number – Number and Place Value	Number- Addition and Subtraction	Number – Multiplication and Division	Number - Fractions	Properties of shape	Measurement	Statistics
2 week block	2 week block	2 week block	2 week block	2 week block	2 week block	2 week block

Number – Number and Place Value	Number- Addition and Subtraction	Number – Multiplication and Division	Number - Fractions	Properties of shape	Measurement	Statistics
2 week block	2 week block	2 week block	2 week block	2 week block	2 week block	2 week block
Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number. *I can count from 0 in multiples of 4, 8, 50 and 100 and can find 10 or 100 more or less than a given number.* **Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).** *I can recognise the place value of each digit of a number with hundreds, tens and units.* Compare and order numbers up to 1000. *I can compare and order numbers up to 1000.* Identify, represent and estimate numbers using different	**Add and subtract numbers mentally, including a three-digit number and ones.** *I can add and subtract numbers in my head, including a three digit number and ones.* **Add and subtract numbers mentally, including a three-digit number and tens.** *I can add and subtract numbers in my head, including a three digit number and tens.* **Add and subtract numbers mentally, including a three-digit number and hundreds.** *I can add and subtract numbers in my head, including a three digit*	**Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.** *I can recall and use multiplication and division facts for the 3, 4 and 8 times tables.* **Write and calculate mathematical statements for multiplication and division using the multiplication tables that he/she knows, including for two-digit numbers times one-digit numbers, using mental methods and progressing to formal written methods.** *I can calculate multiplication and division problems, both mentally*	**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.** *I can count up and down in tenths, and know that tenths are made from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.* **Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.** *I can write and find fractions for a set of data and can*	Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them. *I can draw 2-D shapes and make 3-D shapes using modelling materials. I can recognise 3-D shapes in different orientations.* Recognise angles as a property of shape or a description of a turn. *I can recognise angles a property of shape. I know that angles are a description of a turn.* Identify right angles, recognise that two right angles make	**Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).** *I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume and capacity (l/ml).* Measure the perimeter of simple 2-D shapes. *I can measure the perimeter of simple 2-D shapes.* **Add and subtract amounts of money to give change, using both £ and p in practical contexts.** *I can add and subtract money giving, change and using*	**Interpret and present data using bar charts, pictograms and tables.** *I can interpret and present data using bar charts, pictograms and tables.* 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. *I can solve one-step and two-step questions e.g. 'How*

representations.' *I can find, show and estimate numbers using objects and pictures.* Read and write numbers up to 1000 in numerals. *I can read and write numbers up to 1000 in numbers.* Read and write numbers up to 1000 in words. *I can read and write numbers up to 1000 in words.* **Solve number problems and practical problems involving these ideas.** *I can solve number and word problems.*	***number and hundreds.*** Add numbers with up to three digits using the formal written method of columnar addition. *I can add numbers with up to three digits using formal column methods.* Subtract numbers with up to three digits using the formal written method of columnar subtraction. *I can subtract numbers with up to three digits using formal column methods.* Estimate the answer to a calculation and use inverse operations to check answers. *I can estimate the answer to a calculation and use this and inverse operations to check answers.* Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. *I can solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.*	***and in writing, using the times tables,*** ***including two digit numbers times one digit numbers.*** 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. *I can solve problems, including missing number problems, involving multiplication and division, including factors and ratio.*	***recognise fractions with small denominators.*** Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. *I can find and use fractions of numbers e.g. 1/4 of 8 = 2 and 3/4 of 8 = 6.* **Recognise and show, using diagrams, equivalent fractions with small denominators.** *I can identify and show equivalent fractions.* Add fractions with the same denominator within one whole e.g. 5/7 + 1/7 = 6/7. *I can add fractions with the same denominator within one whole.* Subtract fractions with the same denominator within one whole e.g. 6/7 - 1/7 = 5/7. *I can subtract fractions with the same denominator within one whole.* Compare and order unit fractions, and fractions with the same denominators. *I can compare and order fractions with the same denominator.* Solve fraction problems. I can solve fraction problems.	**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.** *I can spot right angles. I know that two right angles make a half-turn, three make three quarters of a turn and four make a full turn. I can spot when angles are greater or less than a right angle.* Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. *I can spot horizontal and vertical lines and pairs of perpendicular and parallel lines.*	***pounds and pence. I can do this with real coins and notes.*** **Tell the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.** *I can tell the time on a clock face. I can do this if it uses Roman numerals from I to XII, and I can use 12-hour or 24-hour clocks.* **Write the time using an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.** *I can write the time on a clock face. I can do this if I use Roman numerals from I to XII, and I can use 12-hour or 24-hour clocks.* 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. *I can estimate and read the time to the nearest minute. I can record time in seconds, minutes and hours. I can use the words o'clock, a.m., p.m., morning, afternoon, noon and midnight.* Know the number of seconds in a minute and the number of days in each month, year and leap year. *I can tell you the number of seconds in a minute and how many days there are in a month, a year, and a leap year.* Compare durations of events e.g. calculate the time taken by particular events or tasks. *I can compare how much time is taken by different events or tasks.*	***many more?' and 'How many fewer?' using information presented in scaled bar charts, pictograms and tables.***