Year 3 – Maths Medium Term Plan

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Autumn	**Number – Place Value** Read and write numbers to 1000 in numerals and words *3NPV-1 *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.* 3NPV-2 Recognise the place value in 3-digit numbers, and compose and decompose using partitioning *3NPV-3 *Reason about the location of any 3-digit number in the linear number system – previous and next multiples of 100 and 10* *3NPV-4 *Divide 100 into 2, 4, 5 and 10 equal parts and read scales or number lines marked in multiples of 100* Find 1, 10, 100 more or less than a given number Compare and order numbers to 1,000 Count from 0 in multiples of 50 and 100			**Number – Addition and Subtraction** *3NF-1 *Secure fluency in addition and subtraction facts that bridge 10* 3NF – 3 Apply place value knowledge to known facts e.g. 8 + 6 = 14 80 + 60 = 140 *3AS-1 *Calculate complements to 100 e.g. 46 +? = 100* Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three-digit number and hundreds 3AS-2 Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction 3AS-3 manipulate the additive relationship					**Number – Multiplication and Division** 3NF – 2 Recall and use multiplication and division facts for the 10, 5, 2, 4 and 8 multiplication tables. Know multiplication and division facts for the 3 times table *3NF-3 *Apply place value knowledge to known facts* *e.g. 8 x 2 = 16 80 x 2 = 160* *3MD-1 *Apply known multiplication and division facts to solve contextual problems with different structures, including quotitive and partitive division.* Multiply and divide two digits by one digit using formal written method Solve missing number problems Solve scaling problems (e.g. five times bigger, 10 times smaller)			**Assess and Review**
Spring	**Number – Multiplication and Division** 3NF – 2 Recall and use multiplication and division facts for the 10, 5, 2, 4 and 8 multiplication tables. Know multiplication and division facts for the 3 times table *3NF-3 *Apply place value knowledge to known facts* *e.g. 8 x 2 = 16 80 x 2 = 160* *3MD-1 *Apply known multiplication and division facts to solve contextual problems with different structures, including quotitive and partitive division.* Multiply and divide two digits by one digit using formal written method Solve missing number problems Solve scaling problems (e.g. five times bigger, 10 times smaller)			**Measurement** **Length and Perimeter** Measure length Equivalent lengths – m & cm Equivalent lengths – mm & cm Compare lengths Add lengths Subtract lengths Measure perimeter Calculate perimeter			**Number – Fractions** 3F-1 Interpret and write proper fractions 3F-2 Find unit fractions of quantities and non-unit fractions of quantities with small denominators 3F-3 Reason about the location of any fraction within 1 Count up and down in tenths		**Measurement** **Mass and Capacity** Measure, compare add and subtract mass (kg / g) Measure, compare add and subtract capacity (l, ml)			**Assess and Review**

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Summer	**Number – Fractions** Recognise and show, using diagrams, equivalent fractions with small denominators. Compare and order unit fractions, and fractions with the same denominators. 3F-4 Add and subtract fractions with the same denominator within one whole Solve problems that involve all of the above.		**Money** Pounds and pence Converting pounds and pence Adding and Subtracting money Giving change		**Measurement- Time** Seconds in a minute, minutes in an hour Hours in a day Days, months and years Telling the time to 5 minutes Telling the time to the minute 12 and 24-hour clock times Compare the duration of events			**Geometry Properties of Shapes** 3G-1 Recognise right angles as a property of shape or a description of a turn, and identify right angles in 2D shapes Compare angles 3G-2 *Draw polygons by joining marked points and identify parallel and perpendicular sides Horizontal and vertical Recognise and describe 2D and 3-D shapes Make 3-D shapes using modelling materials		**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?		**Consolidation**	**Assess and Review**