Maths Medium Term Overview – Autumn Year 2

Year 2 – Autumn term	
Week & Focus	**NC objectives to be covered. NB – Non-statutory guidance and small step changes in repeated objectives are in bold.**
1 – Number & Place Value	▪ Counting and representing numbers up to 100 - **to build on Year 1 knowledge.** ▪ Read and write numbers to at least 100 in numerals and in words – **focus on numerals.** ▪ Recognise the place value of each digit in a two-digit number (tens, ones) ▪ **Begin to understand zero as a place holder.** ▪ Identify, represent and estimate numbers using different representations – **focus on identifying and representing in different ways – i.e. different equipment and diagrams (not yet on a number line)**
2 – Number & Place Value	▪ Compare and order numbers from 0 up to 100; use <, > and = signs – **build on Year 1 knowledge of lesser, greater, same as vocabulary.** ▪ Count in steps of 2, 5, 10 from 0, and in tens from any number, forward and backward – **focus on counting as starter activities at this stage – recapping 2, 5, 10 from Year One and introducing counting in tens from any number.** ▪ Use place value and number facts to solve problems **(Begin with simple problems related to the above objectives.)**
3 - Addition	▪ Add three one-digit numbers **(recap on facts to 10) Refer to pages 10-11 mental calculation booklet (reordering).** ▪ Recall and use addition facts to 20 and derive and use related facts up to 100.

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	▪ Show that addition of two numbers can be done in any order (commutative). ▪ **Refer to pages 11-12 addition booklet.**
4 - Addition	▪ Add numbers using concrete objects, pictorial representations, and mentally including: ▪ A two-digit number and ones. ▪ A two-digit number and tens. ▪ Solve problems with addition using concrete objects and pictorial representations, including those involving numbers, quantities and measures and applying their increasing knowledge of mental and written methods **(simple problems-one step problems)**. ▪ **Refer to pages 12-13 addition booklet.**
5 - Subtraction	▪ Recall and use subtraction facts to 20 and derive and use related facts up to 100 **Refer to pages 15-16 subtraction booklet.** ▪ Show that subtraction of one number from another cannot be done in any order (is not commutative).
6 - Subtraction	▪ Subtract numbers using concrete objects, pictorial representations, and mentally including: ▪ A two-digit number and ones. ▪ A two-digit number and tens.

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	▪ Solve problems with addition using concrete objects and pictorial representations, including those involving numbers, quantities and measures and applying their increasing knowledge of mental and written methods **(simple problems-one step problems)**. ▪ **Refer to pages 17-18 subtraction booklet. Make links to mental calculation booklet pages 10-11 (reordering).**
7 - Money	▪ Recognise and use symbols for pounds (£) and pence (p) **NOT INCLUDING USE OF DECIMALS** ▪ Combine amounts of money to make a particular value. ▪ Find different combinations of coins that equal the same amounts of money. ▪ Solve simple problems in a practical context involving addition of money of the same unit.
8 - Multiplication	▪ Recall and use multiplication facts for the 2 multiplication table. ▪ Calculate mathematical statements for multiplication within the 2 multiplication table and write them using the multiplication (×) and equals (=) signs. (**Introducing the X symbol)** ▪ Show that multiplication of 2 numbers can be done in any order (commutative). ▪ Solve problems involving multiplication using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts. **(simple problems)** ▪ **Refer to pages 7-8 multiplication booklet.**
9 - Division	▪ Recall and use division facts for the 2 multiplication table. ▪ Calculate mathematical statements for division within the 2 multiplication table and write them using the division (÷) and equals (=) signs

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	▪ **Use commutativity and inverse relationships to develop multiplicative reasoning (for example, 4 x 5 = 20 and 20 ÷ 5 = 4)** ▪ Show that division of 2 numbers can't be done in any order (not commutative). ▪ Solve problems involving division using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts. **(simple problems)** ▪ **Refer to pages 7-8 division booklet.**
10 - Fractions	▪ Recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a shape. **(Not quantity)** ▪ Recognise the equivalence of 2/4 and 1/2.
11 – Measurement – Length & Height	▪ Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) to the nearest appropriate unit, using rulers. ▪ Compare and order lengths and record the results using >, < and =.
12 – Geometry – properties of shape.	▪ Identify and describe the properties of **2-D** shapes, including the number of sides and line symmetry in a vertical line. ▪ Compare and sort common **2-D** shapes and everyday objects.
ADDITIONAL WEEKS FOR ASSESSMENT, REVISITING, CONSOLIDATION & THEMED WORK	