Numeracy Medium term planning with differentiation. Class 7. Year 2 (MA) Autumn B (Term 2)

Activities and groups adapted as necessary following ongoing formative assessments.

Week	Starters	Yellow Stars	Green Triangles	Red Circles
		All below to be done mentally and independently.	All below to be done to be done with adult keeping chn on task, using pictorial representations initially then moving to mentally and independently.	All below to be done with support as necessary. Initially, using concrete apparatus, then moving to pictorial representations and finally mentally and independently.
1	**EMC:** Count to 100 forwards and backwards from 0 and any given number. **Starter:** Count aloud in 1s, 2s, 5s and 10s, from 0 and from a given number. Adding a 1 digit number to a 2 digit number mentally. Adding a 10 to 1 digit number mentally. Adding two 2 digit numbers mentally.	**Measurement – Money.** Recognise the symbols for pounds (£) and pence (p). Add money using coins. Subtract money using coins. Solve simple money addition problems using coins. Solve simple money subtraction problems using coins. Begin to combine amounts of money to make a particular value.	**Measurement – Money.** Recognise the symbols for pounds (£) and pence (p). Add money using coins. Subtract money using coins. Solve simple money addition problems using coins. Solve simple money subtraction problems using coins. Begin to combine amounts of money to make a particular value.	**Measurement – Money.** Recognise the symbols for pounds (£) and pence (p). Add money using coins. Subtract money using coins. Solve simple money addition problems using coins. Solve simple money subtraction problems using coins. Begin to combine amounts of money to make a particular value.

2	**EMC:** Count to 100 forwards and backwards in 5s. **Starter:** Count aloud in 1s, 2s, 5s and 10s, from 0 and from a given number. Subtracting a 1 digit number from a 2 digit number mentally. Subtracting 10 from any given number mentally. Subtracting two 2 digit numbers mentally.	**<u>Measurement – Money.</u>** **Find different combinations of coins that equal the same amounts of money.** Begin to solve problems involving giving change. Solve simple problems involving addition and subtraction of money of the same unit. Find a variety of combinations of coins that equal the same amounts of money. Give change in a simple exchange.	**<u>Measurement – Money.</u>** **Find different combinations of coins that equal the same amounts of money.** Begin to solve problems involving giving change. Solve simple problems involving addition and subtraction of money of the same unit. Find a variety of combinations of coins that equal the same amounts of money. Give change in a simple exchange.	**<u>Measurement – Money.</u>** **Find different combinations of coins that equal the same amounts of money.** Begin to solve problems involving giving change. Solve simple problems involving addition and subtraction of money of the same unit. Find a variety of combinations of coins that equal the same amounts of money. Give change in a simple exchange.

3	**EMC:** Count in steps of 2 forwards to 100 and backwards from 20. **Starter:** Odd and even numbers to 20. Odd and even numbers to 50. Place value bingo with 2-digit numbers. Write numbers to 100 in words.	**Number – Multiplication and Division.** Record work in a written form using mathematical symbols x, ÷, =. Recognise mathematical symbols x, ÷, =. Begin to recognise that multiplication of two numbers can be done in any order. Begin to recognise that division of one number by another cannot be done in any order. Recall doubles to 20. Recall halves from 20. Recall and use multiplication facts for the 10 times tables. Recall and use division facts for the 10 times tables. Recall and use multiplication facts for the 5 times table. Recall and use division facts for the 5 times table. Recall and use multiplication facts for 2 times table. Recall and use division facts	**Number – Multiplication and Division.** Record work in a written form using mathematical symbols x, ÷, =. Recognise mathematical symbols x, ÷, =. Begin to recognise that multiplication of two numbers can be done in any order. Begin to recognise that division of one number by another cannot be done in any order. Recall doubles to 20. Recall halves from 20. Recall and use multiplication facts for the 10 times tables. Recall and use division facts for the 10 times tables. Recall and use multiplication facts for the 5 times table. Recall and use division facts for the 5 times table. Recall and use multiplication facts for 2 times table. Recall and use division facts	**Number – Multiplication and Division.** Record work in a written form using mathematical symbols x, ÷, =. Recognise mathematical symbols x, ÷, =. Begin to recognise that multiplication of two numbers can be done in any order. Begin to recognise that division of one number by another cannot be done in any order. Recall doubles to 20. Recall halves from 20. Recall and use multiplication facts for the 10 times tables. Recall and use division facts for the 10 times tables. Recall and use multiplication facts for the 5 times table. Recall and use division facts for the 5 times table. Recall and use multiplication facts for 2 times table. Recall and use division facts

		for two times table. Recall and use multiplication and division facts for the 2, 5 & 10 multiplication tables to solve simple problems. Demonstrate an understanding of commutativity as necessary.	for two times table. Recall and use multiplication and division facts for the 2, 5 & 10 multiplication tables to solve simple problems. Demonstrate an understanding of commutativity as necessary.	for two times table. Recall and use multiplication and division facts for the 2, 5 & 10 multiplication tables to solve simple problems. Demonstrate an understanding of commutativity as necessary.
4	**EMC:** Count to 100 in 10s forwards and backwards from 0 and any given number. **Starter:** Doubling numbers to 20. Halving numbers from 20. Spotting/adding 'friendly' numbers mentally. E.g. in 4 + 5 + 6 adding the 6 + 4 to make 10 first. Practicing 5 and 10 times tables.	**Number – Multiplication and Division.** Record work in a written form using mathematical symbols x, ÷, =. Recognise mathematical symbols x, ÷, =. Begin to recognise that multiplication of two numbers can be done in any order. Begin to recognise that division of one number by another cannot be done in any order. Re-write addition statements as simplified multiplication	**Number – Multiplication and Division.** Record work in a written form using mathematical symbols x, ÷, =. Recognise mathematical symbols x, ÷, =. Begin to recognise that multiplication of two numbers can be done in any order. Begin to recognise that division of one number by another cannot be done in any order. Re-write addition statements as simplified multiplication	**Number – Multiplication and Division.** Record work in a written form using mathematical symbols x, ÷, =. Recognise mathematical symbols x, ÷, =. Begin to recognise that multiplication of two numbers can be done in any order. Begin to recognise that division of one number by another cannot be done in any order. Re-write addition statements as simplified multiplication

		statements. Use multiplication facts to make deductions outside known multiplication facts. Determine remainders given known facts. Demonstrate an understanding of commutativity as necessary.	statements. Use multiplication facts to make deductions outside known multiplication facts. Determine remainders given known facts. Demonstrate an understanding of commutativity as necessary.	statements. Use multiplication facts to make deductions outside known multiplication facts. Determine remainders given known facts. Demonstrate an understanding of commutativity as necessary.
5	EMC: Count to 100 forwards and backwards in 5s. Starter: Identify various patterns in numbers when counting in 2s, 5s and 10s. Make all related number sentences to 20 and 100. **Recall and use addition facts to 20 fluently.** Derive and use related facts up to 100.	**Number – Multiplication and Division.** Record work in a written form using mathematical symbols x, ÷, =. Recognise mathematical symbols x, ÷, =. Begin to recognise that multiplication of two numbers can be done in any order. Begin to recognise that division of one number by another cannot be done in any order. Recognise odd and even numbers to 100. Solve one step word problems that	**Number – Multiplication and Division.** Record work in a written form using mathematical symbols x, ÷, =. Recognise mathematical symbols x, ÷, =. Begin to recognise that multiplication of two numbers can be done in any order. Begin to recognise that division of one number by another cannot be done in any order. Recognise odd and even numbers to 100. Solve one step word problems that	**Number – Multiplication and Division.** Record work in a written form using mathematical symbols x, ÷, =. Recognise mathematical symbols x, ÷, =. Begin to recognise that multiplication of two numbers can be done in any order. Begin to recognise that division of one number by another cannot be done in any order. Recognise odd and even numbers to 100. Solve one step word problems that

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Assessment Week.				
6	**EMC:** **Counting in 3s from 0 to 30.** **Starter:** Identify various patterns in numbers when counting in 2s, 5s and 10s. Make all related number sentences to 20 and 100.	**Number – Multiplication and Division.** Record work in a written form using mathematical symbols x, ÷, =. Recognise mathematical symbols x, ÷, =. Begin to recognise that multiplication of two numbers	**Number – Multiplication and Division.** Record work in a written form using mathematical symbols x, ÷, =. Recognise mathematical symbols x, ÷, =. Begin to recognise that	**Number – Multiplication and Division.** Record work in a written form using mathematical symbols x, ÷, =. Recognise mathematical symbols x, ÷, =. Begin to recognise that

	Recall and use addition facts to 20 fluently. Derive and use related facts up to 100.	can be done in any order. Begin to recognise that division of one number by another cannot be done in any order. Recall doubles to 20. Recall halves from 20. Recall and use multiplication and division facts for the 10 times tables. Recall and use multiplication and division facts for the 5 times table. Recall and use multiplication and division facts for 2 times table. Recall and use multiplication and division facts for the 2, 5 & 10 multiplication tables to solve simple problems. Demonstrate an understanding of commutativity as necessary. Re-write addition statements as simplified multiplication statements. Use multiplication facts to	multiplication of two numbers can be done in any order. Begin to recognise that division of one number by another cannot be done in any order. Recall doubles to 20. Recall halves from 20. Recall and use multiplication and division facts for the 10 times tables. Recall and use multiplication and division facts for the 5 times table. Recall and use multiplication and division facts for 2 times table. Recall and use multiplication and division facts for the 2, 5 & 10 multiplication tables to solve simple problems. Demonstrate an understanding of commutativity as necessary. Re-write addition statements as simplified multiplication statements.	multiplication of two numbers can be done in any order. Begin to recognise that division of one number by another cannot be done in any order. Recall doubles to 20. Recall halves from 20. Recall and use multiplication and division facts for the 10 times tables. Recall and use multiplication and division facts for the 5 times table. Recall and use multiplication and division facts for 2 times table. Recall and use multiplication and division facts for the 2, 5 & 10 multiplication tables to solve simple problems. Demonstrate an understanding of commutativity as necessary. Re-write addition statements as simplified multiplication statements.

		make deductions outside known multiplication facts. Determine remainders given known facts. Demonstrate an understanding of commutativity as necessary. Recognise odd and even numbers to 100. Solve one step word problems that involve multiplication and division using concrete objects. Solve one step word problems that involve multiplication and division using pictorial representations. Solve one step word problems that involve multiplication and division, mentally. Solve word problems that involve more than one step for multiplication and division.	Use multiplication facts to make deductions outside known multiplication facts. Determine remainders given known facts. Demonstrate an understanding of commutativity as necessary. Recognise odd and even numbers to 100. Solve one step word problems that involve multiplication and division using concrete objects. Solve one step word problems that involve multiplication and division using pictorial representations. Solve one step word problems that involve multiplication and division, mentally. Solve word problems that involve more than one step for multiplication and division.	Use multiplication facts to make deductions outside known multiplication facts. Determine remainders given known facts. Demonstrate an understanding of commutativity as necessary. Recognise odd and even numbers to 100. Solve one step word problems that involve multiplication and division using concrete objects. Solve one step word problems that involve multiplication and division using pictorial representations. Solve one step word problems that involve multiplication and division, mentally. Solve word problems that involve more than one step for multiplication and division.

7	**EMC:** **Counting in 3s from 0 to 30.** **Starter:** Identify various patterns in numbers when counting in 2s, 5s and 10s. Make all related number sentences to 20 and 100. **Recall and use addition facts to 20 fluently.** Derive and use related facts up to 100.	**Christmas Week** **Assessment of:** **Measurement: Money** Recognise the symbols for pounds (£) and pence (p). Add and subtract using coins. Solve simple money addition and subtraction problems using coins. **Find different combinations of coins that equal the same amounts of money.** Begin to solve problems involving giving change. Solve simple problems involving addition and subtraction of money of the same unit. Find a variety of combinations of coins that equal the same	**Christmas Week** **Assessment of:** **Measurement: Money** Recognise the symbols for pounds (£) and pence (p). Add and subtract using coins. Solve simple money addition and subtraction problems using coins. **Find different combinations of coins that equal the same amounts of money.** Begin to solve problems involving giving change. Solve simple problems involving addition and subtraction of money of the same unit. Find a variety of combinations of coins that equal the same	**Christmas Week** **Assessment of:** **Measurement: Money** Recognise the symbols for pounds (£) and pence (p). Add and subtract using coins. Solve simple money addition and subtraction problems using coins. **Find different combinations of coins that equal the same amounts of money.** Begin to solve problems involving giving change. Solve simple problems involving addition and subtraction of money of the same unit. Find a variety of combinations of coins that equal the same

		amounts of money. Give change in a simple exchange.	amounts of money. Give change in a simple exchange.	amounts of money. Give change in a simple exchange.
8		**Monday = Curriculum Day: DT** **Tuesday = Christmas maths.** **Wednesday = INSET Day.** **Thursday = INSET Day.** **Friday = Christmas Holiday.**	**Monday = Curriculum Day: DT** **Tuesday = Christmas maths.** **Wednesday = INSET Day.** **Thursday = INSET Day.** **Friday = Christmas Holiday.**	**Monday = Curriculum Day: DT** **Tuesday = Christmas maths.** **Wednesday = INSET Day.** **Thursday = INSET Day.** **Friday = Christmas Holiday.**