

WEEK 1	OBJECTIVES	NON STATUTORY GUIDANCE AND SUPPORT FOR LEARNING
Number: Fractions	• Add fractions • Subtract fractions • Partition the whole • Unit fractions of a set of objects • Non-unit fractions of a set of objects	<i>Pupils begin to understand unit and non-unit fractions as numbers on a number line and deduce relations between them, such as size and equivalence. They should go beyond the (0,1) interval, including relating this to measure. They will add and subtract fractions understand how to partition the whole.</i> <i>They continue to recognize fractions in the context of parts of a whole, numbers, measurements, a shape, and unit fractions as a division of a quantity.</i> <i>They begin to understand unit and non-unit fractions as numbers on the number line, and deduce relations between them, such as equivalence. They should go beyond the [0,1] interval, including relating this to measure</i> <i>Pupils understand the relation between unit fractions as operatives (fractions of), and division by integers</i> NRICH: Matching Fractions *

WEEK 2	OBJECTIVES	NON STATUTORY GUIDANCE AND SUPPORT FOR LEARNING
Fractions	- Reasoning with fractions of an amount - Pounds and pence - Convert pounds and pence - Add money	<i>Pupils practice solving varied addition and subtraction questions. For mental calculations with two-digit numbers, the answers could exceed 100</i> <i>Pupils continue to measure using the appropriate tools and units, progressing to using a wider range of measures, including comparing and using mixed units (for example, 1kg and 200g) and simple equivalents of mixed units (for example, 5m=500cm)</i> NRICH: How Do You See it? * NRICH: Swimming Pool * NRICH: First Connect Three * NRICH: Sea Level * NRICH: A Bit of a Dicey Problem *** NRICH: Take Three Numbers * NRICH: Three Neighbours ** NRICH: Prison Cells ** NRICH: Spot Thirteen * NRICH: Square Subtraction *** NRICH: Planning a School Trip * NRICH: Magic Vs ** NRICH: Number Differences * NRICH: Sitting Round the Party Tables * NRICH: Dotty Six *

WEEK 3	OBJECTIVES	NON STATUTORY GUIDANCE AND SUPPORT FOR LEARNING
Addition & Subtraction: Money Roman Numerals	• Subtract money • Find change • Roman numerals to 12 • Tell the time to 5 minutes	<i>Pupils continue to become fluent in recognizing the value of coins, by adding and subtracting amounts, including mixed units, and giving change using manageable amounts. They record £ and p separately. The decimal recording of money is introduced formerly in year 4.</i> <i>Roman numerals should be put in their historical context so pupils understand that there have been different ways to write whole numbers and that the important concepts of zero and place value were introduced over a period of time</i> <i>Pupils connect tenths to place value, decimal measures and to division by 10.</i> Challenges for more able pupils: <i>Rows of Coins - 26</i>

WEEK 4	OBJECTIVES	NON STATUTORY GUIDANCE AND SUPPORT FOR LEARNING
Time	• Tell the time to the minute • Read time on a digital clock • Use am and pm • Years, months and days	<i>Pupils use both analogue and digital 12-hour clocks and record their times. In this way they become fluent in and prepared for using digital 24-hour clocks in year 4.</i> NRICH: Two Clocks ** NRICH: Clocks * NRICH: The Time Is ... ** NRICH: How Many Times? * NRICH: 5 on the Clock *** NRICH: Wonky Watches ** NRICH: Watch the Clock ***

WEEK 5	OBJECTIVES	NON STATUTORY GUIDANCE AND SUPPORT FOR LEARNING
Time	- Days and hours - Hours and minutes - use start and end times - Hours and minutes - use durations - Minutes and seconds	<i>Pupils use both analogue and digital 12-hour clocks and record their times. In this way they become fluent in and prepared for using digital 24-hour clocks in year 4.</i> NRICH: Two Clocks ** NRICH: Clocks * NRICH: The Time Is ... ** NRICH: How Many Times? * NRICH: 5 on the Clock *** NRICH: Wonky Watches ** NRICH: Watch the Clock ***

WEEK 6	OBJECTIVES	NON STATUTORY GUIDANCE AND SUPPORT FOR LEARNING
Time	- Units of time - Solve problems with time	<i>Pupils use both analogue and digital 12-hour clocks and record their times. In this way they become fluent in and</i>

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WEEK 6	OBJECTIVES	NON STATUTORY GUIDANCE AND SUPPORT FOR LEARNING
	• Turns and angles • Right angles	<i>prepared for using digital 24-hour clocks in year 4.</i> NRICH: Two Clocks ** NRICH: Clocks * NRICH: The Time Is ... ** NRICH: How Many Times? * NRICH: 5 on the Clock *** NRICH: Wonky Watches ** NRICH: Watch the Clock ***