Upottery Primary School
Autumn [1st half] short-term plan for mathematics years 1 and 2

Daily mental/oral during this half-term to be a selection from the following:

Year 1 and 2
Count reliably up to 10 objects
Count on and back in ones from any small number (and y2 any number up to 100)
Read and write numerals to at least 10
Recall addition doubles up to 5+5 (and y2 doubles and halves up to 10+10)
Recall addition and subtraction facts up to 5 (and y2 up to 10)
Recall pairs of numbers which total 10

Year 2
Say the number names up to at least 100
Count on or back in 10s from any number up to 100
Read and write, words and figures, numbers to 50
Recall multiplication facts of the 10 times tables
Say the number that is one or 10 more/less than a two-digit number

Topic	Year 1 Objectives	Pages	Year 2 Objectives	Pages
Counting, properties of numbers and number sequences	Know the number names and recite them in order to at least 20. Count reliably at least 20 objects. Count on in ones from any small number. Count on and back in ones from any small number.	2	Say number names in order to at least 100, from and back to zero. Count reliably up to 100 objects by grouping them in 10s. Count on or back in ones or tens from any two-digit number. Recognise two-digit multiples of 10. Count in 100s from/back to zero.	3
Activities and resources				
Plenaries				
Notes for next session of this topic				

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Topic	Year 1 Objectives	Pages	Year 2 Objectives	Pages
Place value, ordering, estimating, rounding	Read numerals from 1 to at least 20. Write numerals from 1 to 10. Say the number that is one more or less than a given number to 20. Begin to know what each digit in a two-digit number represents. Partition a 'teens' number into tens and ones.	8	Read and write whole numbers from 0 to 50 in figures and words. Say the number that is 1 or 10 more/less than a given two-digit number. Know what each digit in a two-digit number represents, including 0 as a placeholder. Partition a two-digit number into a multiple of 10 and ones.	9
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Topic	Year 1 Objectives	Pages	Year 2 Objectives	Pages
Understanding + and -	Understand the operation of addition; recognise that addition can be done in any order. Understand the operation of subtraction (as take away). Begin to use +, - and = signs to record mental calculations in a number sentence.	26	Understand the operations of addition and subtraction; recognise that addition can be done in any order but not subtraction. Use +, - and = signs to record mental calculations in a number sentence.	27
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Topic	Year 1 Objectives	Pages	Year 2 Objectives	Pages
Mental calculation strategies (+ and -)	Put the larger number first. Count on in ones, including beyond 10, e.g. 7+5	34	Put the larger number first. Count on or back in tens or ones. Add/subtract 9 or 11 by adding/subtracting 10 and adjusting by 1. Identify near doubles, using doubles already known.	35
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Topic	Year 1 Objectives	Pages	Year 2 Objectives	Pages
Money and 'real-life' problems	Recognise 1p and 2p coins. Find totals up to 10p.	68	Recognise all coins. Find totals of 10p, 5p, 2p and 1p coins.	69
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Topic	Year 1 Objectives	Pages	Year 2 Objectives	Pages
Making decisions and checking results	Choose and use the appropriate number operation and mental strategy to solve problems.	60	Choose and use an appropriate number operation and calculation strategy to solve simple word problems. Explain method orally. Record in number statement, using +, - and = signs. Check sums by adding in a different order.	61
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Topic	Year 1 Objectives	Pages	Year 2 Objectives	Pages
Measures, including problems	Understand and use the vocabulary related to length and time. Order familiar events. Compare two, then more, lengths using direct comparison. Measure lengths using uniform non-standard units or standard units e.g. metre sticks	70, 72 74, 76	Use and begin to read the vocabulary related to length and time. Use units of time, second, minute, hour, day, week. Suggest suitable units to estimate or measure time. Estimate, measure then compare lengths using standard units; mm, cm, m, km. Suggest suitable units and equipment, record as '3 and a bit metres'.	71, 73 75, 77
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Topic	Year 1 Objectives	Pages	Year 2 Objectives	Pages
Shape and space	Use everyday language to describe features of familiar 2-D and 3-D shapes, referring to shapes of flat faces.	80, 82	Use mathematical names for common 2-D and 3-D shapes. Sort shapes and describe some of their features, e.g. sides, corners, edges, faces.	81, 83
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Topic	Year 1 Objectives	Pages	Year 2 Objectives	Pages
Reasoning about shapes	Recognise simple patterns. Make and describe models, patterns and pictures using construction kits. Use one or more shapes to make repeating patterns. Use everyday language to describe position.	62, 64	Make and describe shapes, patterns or pictures using solid shapes and templates. Use mathematical vocabulary to describe position. Investigate general statements about shapes.	63, 65
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Topic	Year 1 Objectives	Pages	Year 2 Objectives	Pages
Assess and review	Consolidate objectives from this half term. Formal assessment of key objectives for record sheet; Counting reliably at least 20 objects Count on and back in ones from any small number Recall pairs of numbers which total 10		Consolidate objectives from this half term Formal assessment of key objectives for record sheet; Count to at least 100 Describe and extend simple number sequences including counting on or back in ones/tens from any two-digit number Recall addition and subtraction facts for each number up to 10.	
Activities and resources				
Notes for next sessions of these topics based on assessment results.				