

Maths Self-Planner for use with MathSphere Calculations CDs Lee Madderson Headteacher Acomb First School
Digital Work – Addition Subtraction Yr. 3 (a)

Objectives and statements	Program and section	Sub-section	Pupil	Teacher
<p>Derive and recall all addition and subtraction facts for each number to 20, sums and differences of multiples of 10 and number pairs that total 100.</p> <p><i>I know the sum and difference of any pair of numbers to 20.</i></p> <p><i>I can add and subtract multiples of 10 or 100 in my head.</i></p> <p><i>I know and use addition and subtraction facts for all numbers to 20.</i></p> <p><i>I can use these facts to add and subtract efficiently e.g. $48 + 7$ can be $48 + 2$ to bridge through 50 then add the remaining 5</i></p> <p><i>I know number pairs that sum to 100.</i></p> <p><i>I can find what to add to a number to make 100.</i></p>	Int 2 Secure knowledge and recall of addition facts	Know number facts to 10		
	Pairs of numbers that which make 20			
	Pairs of tens which total 100 (pence)			
	Pairs of tens which total 100			
	Add 9 to a 2 digit number			
	Add a single digit to 2 digit number			
	Add a single digit to a multiple of 100			
	Add a 2 digit number to a multiple of 10			
	Int 2 Recognise that addition can be done in any order	Know addition can be done in any order		
	Adding lists – look for pairs that make 10			
	Repeat calculations in a different order			

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Digital Work – Addition Subtraction Yr. 3 (b)

Objectives and statements	Program and section	Sub-section	Pupil	Teacher
<p>Add or subtract mentally combinations of one-digit and two-digit numbers.</p> <p><i>I can add and subtract one-digit and two-digit numbers in my head</i> (e.g. $62 + 7$, $7 + 45$, $48 - 6$, $60 - 8$).</p> <p><i>I can add and subtract near multiples of 10 in my head.</i></p> <p><i>I can add several one-digit numbers in my head.</i></p>	Int 2 Apply addition strategies	Add single digits crossing 10		
		Add a single digit to a teen crossing 20		
		Add 2 multiples of 10		
		Add 11 to 2 digit number		
		Add 19 to a 2 digit number		
		Add 21 to a 2 digit number		
		Find a third number to make 100		
		Find two more numbers to make 100		
		Find the missing number		
		3 numbers to make 20		
Shopping for 3 items				

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Digital Work – Addition Subtraction Yr. 3 (c)

	Program and section	Sub-section	Pupil	Teacher
	Int 2 Secure knowledge and recall of subtraction facts	Know by heart subtraction facts to 10		
		Know pairs with a difference of 10		
		Know pairs with a difference of 9		
		Subtracting pairs of whole tens		
		Complete written subtraction sentences (1)		
		Complete written subtraction sentences (2)		
		Subtract a multiple of 10 from a 2 digit number		
	Int 2 Apply subtraction strategies	Subtract 9 from a 2 digit number		
		Subtract 11 from a 2 digit number		
		Subtract 19 from a 2 digit number		
		Subtract 21 from a 2 digit number		

