

Digital Work – Addition Subtraction Yr. 3 - 4 (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>Int. 3 Revise addition with related vocabulary</p>	Add numbers up to 20		
		Add 10 to numbers in the nineties		
		Add 2 multiples of 10 crossing 100		
		Add a 1 digit number to 2 digits		
<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>	<p>Int 3 Secure knowledge and recall of addition facts</p>	Addition facts to 20		
		Which two number have a total of ...?		
		Add 9		
		Add 1		
		Pairs of multiples of 5 that make 100		
		Multiples of 100 that make 10000		
		Add a 1 digit to a 3 digit number		
		Add 10 to any 2 or 3 digit number		
		Pairs of 100s that make 1000		
		Add two multiples of 100, crossing 1000		
		Make the next multiple of 100		
		Add 100 to any 3 digit number		
Mentally add any pair of 2 digits				

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Digital Work – Addition Subtraction Yr. 3 - 4 (b)

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<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 (e.g. $62 + 7$, $7 + 45$, $48 - 6$, $60 - 8$).</i></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 3 Apply addition strategies	Revise putting larger numbers first			
		Revise looking for pairs that make 10			
			Add two teen numbers		
			What must I add toto make		
			Symbols to stand for unknown numbers		
			Add 19		
			Add 21		

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Digital Work – Addition Subtraction Yr. 3 - 4 (c)

Objectives and statements	Program and section	Sub-section	Pupil	Teacher
<p>Add or subtract mentally pairs of two-digit whole numbers (e.g. $47 + 58$, $91 - 35$).</p> <p><i>I can add and subtract two-digit numbers in my head (e.g. $26 + 47$, $43 - 16$).</i></p> <p>Use knowledge of inverse operations to state addition facts corresponding to any subtraction fact and vice versa.</p> <p><i>I understand the relationship between $43 + 25 = 68$ and $68 - 43 = 25$ and can apply this to other calculations.</i></p> <p>Use knowledge of addition and subtraction facts and place value to derive sums and differences of pairs of multiples of 10, 100 or 1000.</p> <p><i>I can work out sums and differences of multiples of 100 or 1000.</i></p> <p><i>Because I know sums like $3 + 7 = 10$, I also know $30 + 70 = 100$, $300 + 700 = 1000$, $3000 + 7000 = 10\ 000$.</i></p> <p><i>Because I know differences like $6 - 4 = 2$, I also know $60 - 40 = 20$, $600 - 400 = 200$, $6000 - 4000 = 2000$.</i></p>	Int 3 Secure knowledge and recall of subtraction facts	Subtraction facts to 20		
	Subtract two 2 digit numbers (not crossing the tens boundary)			
	Subtract 10 from any 2 or 3 digit number			
	Subtract any pair of 2 digit numbers			
	Int 3 Apply subtraction strategies	Use "less than"		
	Use "what is the difference between"			
	Use "how much more is"			
	Use the minus sign			
	Subtracting whole tens			
	Subtract two multiples of 100			
	Subtract a multiple of 10 from a multiple of 100			

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Digital Work – Addition Subtraction Yr. 3 - 4(d)

Objectives and statements	Program and section	Sub-section	Pupil	Teacher
<p>Develop and use written methods to record, support or explain addition and subtraction of two-digit and three-digit numbers. (*)</p> <p><i>I can partition numbers to support subtraction by counting on along a number line.</i></p> <p><i>I can check an addition or subtraction calculation by using the inverse operation.</i></p> <p><i>I can add and subtract numbers using an empty number line.</i></p> <p><i>I can add and subtract numbers by writing one number under the other and using partitioning.</i></p> <p><i>I can add and subtract two-digit and three-digit numbers by writing them down.</i></p> <p>(*) This objective and accompanying statements may or may not be covered depending upon context of learning</p>	Int 3 Further subtraction strategies	Subtract 9 from a 3 digit number		
	Subtract 11 from a 3 digit number			
	Subtract 19 from a 3 digit number			
	Subtract 21 from a 3 digit number			
	Subtract 1 digit from a 3 digit number			
	Subtract 1 digit from a multiple of 100			
	Find a small difference			
	Check subtraction with addition			