

Stages 3-4 Addition and Subtraction Student Planner

Stage	IALT	Personalised Activity	Computer Mathematics	Maintenance Group Box
3	1. Solve addition problems to 10 by counting all the objects in my head.	<p>Working with imaging to solve addition problems Page 11-Snails Page 15-Hungry Hippo</p> <p>Page 20-Imaging Numbers Page 24-Imaging additions to 10 (1) Page 25-Imaging additions to 10 (2) Page 26-Imaging to 10 (1) Page 27-Imaging to 10 (2)</p> <p>Using imaging to solve addition and subtraction problems Page 40-Hungry Hippo and People Page 41-Dogs Biscuits</p> <p>Teacher Tools Add/Sub- -What's hidden p.21 -Imaging many hands p.22</p>	<p><u>Year 3 Operations with Number</u> Additive Addition Groups of Ten</p> <p><u>Year 3 Operations with Number (something easier)</u> Adding to Ten</p> <p><u>Year 3 Operations with Number (Something Harder)</u> Magic Mental Addition</p> <p><u>Year 3 Counting and Patterns</u> Counting by Tens</p> <p><u>Year 3 Counting and Patterns (Something Easier)</u> Counting Forwards</p> <p><u>Year 3 Counting and Patterns (Something Harder)</u> Groups of Ten</p>	<p>NNN Stage 3 Part A- -Number Ladders p.46 -Owl Counting Sheet p.49 -Basic Fact Cards p.50</p> <p>NNN Stage 3 Part B- -Addition and Subtraction cards p.49 -Counting on cards p.50</p>
	2. Solve subtraction problems to 10 by counting all the objects in my head.	<p>Page 42- Pizza Page 22- Using Tens Frames Page 23- Imaging with Tens Frames (1) Page 24- Imaging with Tens Frames (2) Page 25- Imaging from 10 Page 26- Imaging subtraction to 10 (1) Page 27- Imaging subtraction to 10 (2) Page 43- Solve addition and subtraction problems to 20. Page 23- Making Tens (Teacher Tools, 2005) Page 21- Imaging numbers to 5 to solve add/sub problems Page 22- Imaging numbers up to 10 to solve add/sub problems Solve subtraction problems by imaging tens frames Page 23 Page 24 Page 25 Page 26</p> <p>Teacher Tools Add/Sub- -What's hidden p.21 -Imaging many hands p.22</p>	<p><u>Year 3 Operations with Number</u> Simple Subtraction</p> <p><u>Year 3 Operations with Number (something easier)</u> Subtracting from Ten</p> <p><u>Year 3 Operations with Number (Something Harder)</u> Magic Mental Subtraction</p>	<p>NNN Stage 3 Part B- -Addition and subtraction cards p.49 -Counting back cards p.51 -Counting on and back cards p.52 -Frog Game p.53</p> <p>NNN Stage 3 Part C- -Snap p.50 -Fish p.47 -Memory and equation boards p.52</p>
4		<p>Purple NZCM Stage 4 -Number Tile Addition p.16-23 -Adding and Subtraction with Number Strips p.50-59 (Bk 5</p>	<p><u>Year 2 Number</u> Making Numbers Count</p> <p><u>Year 2 Number</u></p>	<p>NNN Stage 4 Part A- -Place Value House Cards p.54 -Sorting Cards p.52 -Concertina Worm p.53</p>

	<p>1. Solve addition problems up to 100 by counting on from the largest number in my head.</p>	<p><i>The Number Strip</i> -Adding and Subtracting p.60-67 -Bigger first p.68-75 -*Find the changes p.76-83 -Adding and subtracting more than five p.84 (<i>Bk5 Frog Jumps</i>) NNN Stage 4 Part A- -Working with number order up to 100 pages 7-9. -Using counting on to solve addition problems p.22-27 -Counting on in tens to solve addition problems p.32-34. NNN Stage 4 Part B- -Adding and Subtracting up to 100 p.47-48 NNN Stage 4 Part C- -Counting on and back p.37-44 -Adding and Subtracting by Counting on and Back p.45... NNN Stage 4 for the Older Student- -Adding and Subtracting up to 100 p.54 -Counting on and back to solve addition and subtraction problems p.21-32 NNN Stages 3 and 4 Part B- -Counting on and back p.37-40. ENP Addition- -Counting on p.30 -Counting on with the number line (1,2) p.32-33 Teacher Tools Add/Sub- -The bigger number first p.28</p>	<p>(something easier) Counting forwards Reading numbers to 30</p> <p><u>Year 2 Number (something harder)</u> Making Big Numbers Count Numbers in words</p> <p><u>Year 2 Direction and Order</u> Going up Number Line Order Adding to Ten</p> <p><u>Year 2 Direction and Order (something easier)</u> Counting forwards</p> <p><u>Year 2 Direction and Order (something harder)</u> Additive Addition Number Lines</p>	<p>NNN Stage 4 Part B- -Number Fun Cards p.52</p> <p>NNN Stage 4 Part C- -Number Blocks p.52</p>
	<p>2. Solve subtraction problems up to 100 by counting back in my head.</p>	<p>Purple NZCM Stage 4 -Number Tile Subtraction p.24-28 -Adding and Subtraction with Number Strips p.50-59 (<i>Bk 5 The Number Strip</i>) -Adding and Subtracting p.60-67 -Bigger first p.68-75 -*Find the changes p.76-83 -Adding and subtracting more than five p.84 (<i>Bk5 Frog Jumps</i>) NNN Stage 4 Part A- -Using counting back to solve subtraction problems p.28-31. NNN Stage 4 Part B- -Adding and Subtracting up to 100 p.47-48 NNN Stage 4 Part C- -Counting on and back p.37-44 -Adding and Subtracting by Counting on and Back p.45... NNN Stage 4 for the Older Student- -Adding and Subtracting up to 100 p.54 -Counting on and back to solve addition and subtraction problems p.21-32 NNN Stages 3 and 4 Part B- -Counting on and back p.37-40. ENP Subtraction-</p>	<p><u>Year 2 Number</u> Making Numbers Count</p> <p><u>Year 2 Number (something easier)</u> Counting backwards Reading numbers to 30</p> <p><u>Year 2 Number (something harder)</u> Making Big Numbers Count Numbers in words</p> <p><u>Year 2 Direction and Order</u> Going down Number Line Order Subtracting from Ten</p> <p><u>Year 2 Direction and Order (something easier)</u> Counting backwards</p> <p><u>Year 2 Direction and Order (something harder)</u> Simple Subtraction Number Lines</p>	<p>NNN Stage 4 Part A- -Place Value House Cards p.54 -Sorting Cards p.52 -Concertina Worm p.53</p> <p>NNN Stage 4 Part B- -Number Fun Cards p.52</p> <p>NNN Stage 4 Part C- -Number Blocks p.52</p>

		-Counting back from 100 (1, 2) p.35-36 Teacher Tools Add/Sub- -Counting back		
	3. Solve addition problems up to 100 by counting on in tens.	Purple NZCM Stage 4 -Adding and Subtracting tens p.92-97 -Adding on tens p.98-105 -Adding and Subtracting practice p.116-125 NNN Stage 4 Part A- -Skip counting in tens and hundreds p.16-19 ENP Addition- -Adding tens p.35 -Counting on tens with the hundreds chart p.37 Teacher Tools Add/Sub- -Adding tens p.31 -Adding ones and tens p.33 -The missing ones and tens p.35	<u>Year 2 Counting and Comparing</u> Counting by Twos Groups of Two <u>Year 2 Counting and Comparing (something easier)</u> Counting forwards <u>Year 2 Counting and Comparing (something harder)</u> Counting by fives Counting by Tens Groups of five <u>Year 3 Counting and Patterns</u> Counting by Tens Colour Patterns Increasing Patterns Tallies <u>Year 3 Counting and Patterns (something harder)</u> Groups of ten <u>Year 3 Number Facts</u> Going Up Making Big Numbers Count <u>Year 4 Counting and Grouping (middle)</u> Dividing Twos Groups of Three Groups of Four <u>Year 3 Number Facts (Something harder)</u> Numbers in words Which is bigger? Nearest 100? Number lines	Hundreds board Skip Counting forwards in Tens
	4. Solve subtraction problems up to 100 by counting back in tens.	Purple NZCM Stage 4 -Adding and Subtracting tens p.92-97 -Subtracting tens p.106-115 -Adding and Subtracting practice p.116-125 ENP Subtraction- -Counting back in tens (1, 2) p.37-38 -Counting back in tens p.39 Teacher Tools Add/Sub- -Subtracting tens p.32 -Subtracting ones and tens p.34 -The missing ones and tens p.35	<u>Year 3 Counting and Patterns</u> Counting by Tens Counting by Fives Counting by Patterns <u>Year 3 Counting and Patterns (something harder)</u> Groups of five Groups of ten Decreasing Patterns <u>Year 3 Number Facts</u> Going Down Making Big Numbers Count Number Line Order <u>Year 3 Number Facts (Something easier)</u> Making numbers count Arranging numbers <u>Year 3 Number Facts</u>	Skip Counting backwards in tens from one hundred. Hundreds Board

			<u>(Something harder)</u> Numbers in words Which is smaller? Nearest 100? Number lines	
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