

## Bond Blocks Year 1

Chapter	Counting	Victorian Curriculum Links
1	1) Forwards 1 to 10: Building Steps	<b>Foundation VCMNA069</b> <ul style="list-style-type: none"> <li>Establish understanding of the language and processes of counting by naming numbers in sequences, initially to and from 20, moving from any starting point.</li> </ul>
	1) Forwards 10 to 20: Building Steps <i>a little harder</i>	
	2) Number After: Greater Number	<b>Foundation VCMNA070</b> <ul style="list-style-type: none"> <li>Connect number names, numerals and quantities, including zero, initially up to 10 and then beyond.</li> </ul>
	2) Number After: Greater Number <i>a little harder</i>	
	3) Backwards 10 to 1: Building Steps	<b>Foundation VCMNA071</b> <ul style="list-style-type: none"> <li>Subitise small collections of objects.</li> </ul>
	3) Backwards 10 to 1: Building Steps <i>a little harder</i>	
	4) Number Before: Lesser Number	<b>Foundation VCMNA072</b> <ul style="list-style-type: none"> <li>Compare, order and make correspondences between collections, initially to 20, and explain reasoning.</li> </ul>
	4) Number Before: Lesser Number <i>a little harder</i>	
	5) Identifying Numbers 6 to 10: Building Steps	<b>Foundation VCMNA076</b> <ul style="list-style-type: none"> <li>Copy, continue and create patterns with objects and drawings.</li> </ul>
	5) Identifying Numbers 1 to 5: Building Steps <i>a little easier</i>	
		<b>Level 1 VCMNA086</b> <ul style="list-style-type: none"> <li>Skip count by twos... starting from zero.</li> </ul>
		<b>Level 1 VCMNA093</b> <ul style="list-style-type: none"> <li>Investigate and describe number patterns formed by skip counting and patterns with objects.</li> </ul>
		<b>Level 2 VCMNA103</b> <ul style="list-style-type: none"> <li>Investigate number sequences, initially those increasing and decreasing by twos... from any starting point.</li> </ul>

Chapter	Bonds of 5	Victorian Curriculum Links
2	6) Bonds: Building a Wall	<p><b>Level 1 VCMNA089</b></p> <ul style="list-style-type: none"> <li>Represent and solve simple addition and subtraction problems using a range of strategies including counting on, partitioning and rearranging parts.</li> </ul> <p><b>Level 2 VCMNA106</b></p> <ul style="list-style-type: none"> <li>Explore the connection between addition and subtraction.</li> </ul>
	7) Fluency: Filling a Wall	
	8) Fluency: Tic-Tac-Toe	
	9) Fluency: Racing Cars	
	10) Addition: Building a Wall	
	11) Subtraction: Building a Wall	
	12) Equation: Building	
	12) Equation: Building <i>a little easier</i>	
	13) Missing Number Equations: Fill a Row	
	14) Representing Addition: Thinkboard	
	14) Representing Subtraction: Thinkboard	
	15) Word Problems: Whole to 5	

Chapter	Doubling and Halving to 10	Victorian Curriculum Links
3	16) Bonds: Building a Wall	<p><b>Level 1 VCMNA089</b></p> <ul style="list-style-type: none"> <li>Represent and solve simple addition and subtraction problems using a range of strategies including counting on, partitioning and rearranging parts.</li> </ul>
	17) Fluency Doubles: Filling a Wall	
	18) Fluency Halves: Filling a Wall	
	19) Near Double: Strategy Concept	
	19) Near Double: Strategy Concept <i>a little harder</i>	
	20) Near Double: Strategy Fluency	

Chapter	Five Plus Bonds	Victorian Curriculum Links
4	21) Bonds: Building a Wall	<p><b>Level 1 VCMNA089</b></p> <ul style="list-style-type: none"> <li>Represent and solve simple addition and subtraction problems using a range of strategies including counting on, partitioning and rearranging parts.</li> </ul>
	22) Bonds: Multiple Representations	
	23) Fluency: Tic-Tac-Toe	
	24) Addition: Building a Wall	
	25) Subtraction: Building a Wall	

## Bond Blocks Year 2

Chapter	Bonds of 10	Victorian Curriculum Links
5	26) Bonds: Building a Wall	<b>Level 2 VCMNA106</b> • Explore the connection between addition and subtraction.
	27) Fluency: Filling a Wall	
	28) Fluency: Tic-Tac-Toe	<b>Level 2 VCMNA107</b> • Solve simple addition and subtraction problems using a range of efficient mental and written strategies.
	29) Addition: Building a Wall	
	30) Subtraction: Building a Wall	<b>Level 2 VCMNA113</b> • Solve problems by using number sentences for addition or subtraction.
	31) Equation: Building	
	31) Equation: Building <i>a little easier</i>	<b>Level 3 VCMNA132</b> • Recognise and explain the connection between addition and subtraction.
	32) Missing Number Equations: Fill a Row	
	32) Missing Number Equations: Tic-Tac-Toe <i>a little harder</i>	
	33) Representing Addition: Thinkboard	
	33) Representing Subtraction: Thinkboard	

Chapter	Bonds of 6, 7, 8, 9	Victorian Curriculum Links
6	34) <b>Bonds of 6 or 7</b> - Bonds: Building a Wall	<b>Level 2 VCMNA106</b> • Explore the connection between addition and subtraction.
	34) <b>Bonds of 8 or 9</b> - Bonds: Building a Wall	
	35) Subtraction: Building a Wall	<b>Level 2 VCMNA107</b> • Solve simple addition and subtraction problems using a range of efficient mental and written strategies.
	36) Fluency: Shake and Spill	
	37) Fluency: Racing Monster Trucks	<b>Level 2 VCMNA113</b> • Solve problems by using number sentences for addition or subtraction.
	38) <b>Bonds of 6 or 7</b> - Equation: Building	
	38) <b>Bonds of 8 or 9</b> - Equation: Building	<b>Level 3 VCMNA132</b> • Recognise and explain the connection between addition and subtraction.
	39) <b>Bonds of 6</b> - Missing Number Equations: Tic-Tac-Toe	
	39) <b>Bonds of 7</b> - Missing Number Equations: Tic-Tac-Toe	
	39) <b>Bonds of 8</b> - Missing Number Equations: Tic-Tac-Toe	
	39) <b>Bonds of 9</b> - Missing Number Equations: Tic-Tac-Toe	
	40) Word Problems: Wholes to 10	

Chapter	Ten Plus Bonds (Place Value)	Victorian Curriculum Links
<b>7</b>	41) Bonds: Three In a Row	<p><b>Level 1 VCMNA088</b></p> <ul style="list-style-type: none"> <li>Count collections to 100 by partitioning numbers using place value.</li> </ul> <p><b>Level 2 VCMNA106</b></p> <ul style="list-style-type: none"> <li>Explore the connection between addition and subtraction.</li> </ul> <p><b>Level 2 VCMNA107</b></p> <ul style="list-style-type: none"> <li>Solve simple addition and subtraction problems using a range of efficient mental and written strategies.</li> </ul> <p><b>Level 3 VCMNA132</b></p> <ul style="list-style-type: none"> <li>Recognise and explain the connection between addition and subtraction.</li> </ul>
	42) Bonds: Multiple Representations	
	43) Bonds: Place Value Partitioning	
	44) Addition and Subtraction: Ten and One	
	45) Addition: Building With Three Parts	
	46) Equation: Building	
	47) Addition: Building a Wall	
	48) Subtraction: Tic-Tac-Toe	
	49) Missing Number Equations: Tic-Tac-Toe	
	49) Missing Number Equations: Tic-Tac-Toe <i>a little harder</i>	
	50) Bridging Ten Addition: Strategy 9+	
	50) Bridging Ten Addition: Strategy 19+ <i>a little harder</i>	
	51) Bridging Ten Addition: Strategy 8+	
	51) Bridging Ten Addition: Strategy 18+ <i>a little harder</i>	
	52) Bridging Ten Addition: Strategy 7, 8, 9+	
	52) Bridging Ten Addition: Strategy Teen+ <i>a little harder</i>	
	53) Bridging Ten Subtraction: Strategy Taking Away	
	53) Bridging Ten Subtraction: Strategy Taking Away <i>a little harder</i>	
	54) Bridging Ten Subtraction: Strategy Adding On	
	54) Bridging Ten Subtraction: Strategy Adding On <i>a little harder</i>	
55) Partitioning Addition: Strategy Five Plus Bonds		
55) Partitioning Addition: Strategy Five Plus Bonds <i>a little harder</i>		
56) Partitioning Subtraction: Strategy Five Plus Bonds		
56) Partitioning Subtraction: Strategy Five Plus Bonds <i>a little harder</i>		

## Bond Blocks Year 3

Chapter	Doubling and Halving to 20	Victorian Curriculum Links
8	57) Bonds: Building a Wall	<p><b>Level 2 VCMNA107</b></p> <ul style="list-style-type: none"> <li>Solve simple addition and subtraction problems using a range of efficient mental and written strategies.</li> </ul> <p><b>Level 3 VCMNA133</b></p> <ul style="list-style-type: none"> <li>Recall addition facts for single-digit numbers and related subtraction facts to develop increasingly efficient mental strategies for computation.</li> </ul>
	58) Fluency Doubles: Filling a Wall	
	59) Fluency Halves: Filling a Wall	
	60) Fluency Doubles: Racing Kayaks	
	61) Fluency Halves: Racing Snowboards	
	62) Near Double: Strategy Concept	
	62) Near Double: Strategy Concept <i>a little harder</i>	
63) Near Double: Strategy Fluency		

Chapter	Bonds of 11 to 20	Victorian Curriculum Links
9	64) Addition: Lulu	<p><b>Level 3 VCMNA132</b></p> <ul style="list-style-type: none"> <li>Recognise and explain the connection between addition and subtraction.</li> </ul> <p><b>Level 3 VCMNA133</b></p> <ul style="list-style-type: none"> <li>Recall addition facts for single-digit numbers and related subtraction facts to develop increasingly efficient mental strategies for computation.</li> </ul> <p><b>Level 4 VCMNA163</b></p> <ul style="list-style-type: none"> <li>Use equivalent number sentences involving addition and subtraction to find unknown quantities.</li> </ul>
	65) Subtraction: Difference	
	66) Equation: Building	
	67) Missing Number Equations: Racing Motorcycles	
	68) Word Problems: Wholes to 20	
	69) Near Ten: Strategy +9	
	69) Near Ten: Strategy +9 <i>a little harder</i>	
	70) Near Ten: Strategy -11	
	70) Near Ten: Strategy -11 <i>a little harder</i>	
	71) Near Ten: Strategy -9	
71) Near Ten: Strategy -9 <i>a little harder</i>		