

## Bond Blocks Year 1

| Chapter | Counting   | Australian Curriculum Links  |
|---------|--|--|
| 1       | 1) Forwards 1 to 10: Building Steps                                  | <p><b>Foundation ACMNA001</b></p> <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> <p><b>Foundation ACMNA002</b></p> <ul style="list-style-type: none"> <li>Connect number names, numerals and quantities, including zero, initially up to 10 and then beyond.</li> </ul> <p><b>Foundation ACMNA003</b></p> <ul style="list-style-type: none"> <li>Subitise small collections of objects.</li> </ul> <p><b>Foundation ACMNA289</b></p> <ul style="list-style-type: none"> <li>Compare, order and make correspondences between collections, initially to 20, and explain reasoning.</li> </ul> <p><b>Foundation ACMNA005</b></p> <ul style="list-style-type: none"> <li>Copy, continue and create patterns with objects and drawings.</li> </ul> <p><b>Year 1 ACMNA012</b></p> <ul style="list-style-type: none"> <li>Skip count by twos... starting from zero.</li> </ul> <p><b>Year 1 ACMNA018</b></p> <ul style="list-style-type: none"> <li>Investigate and describe number patterns formed by skip counting and patterns with objects.</li> </ul> <p><b>Year 2 ACMNA026</b></p> <ul style="list-style-type: none"> <li>Investigate number sequences, initially those increasing and decreasing by twos... from any starting point.</li> </ul> |
|         | 1) Forwards 10 to 20: Building Steps <i>a little harder</i>          |  |
|         | 2) Number After: Greater Number                                      |  |
|         | 2) Number After: Greater Number <i>a little harder</i>               |  |
|         | 3) Backwards 10 to 1: Building Steps                                 |  |
|         | 3) Backwards 10 to 1: Building Steps <i>a little harder</i>          |  |
|         | 4) Number Before: Lesser Number                                      |  |
|         | 4) Number Before: Lesser Number <i>a little harder</i>               |  |
|         | 5) Identifying Numbers 6 to 10: Building Steps                       |  |
|         | 5) Identifying Numbers 1 to 5: Building Steps <i>a little easier</i> |  |

| Chapter | Bonds of 5                                    | Australian Curriculum Links  |
|---------|---|--|
| 2       | 6) Bonds: Building a Wall                     | <p><b>Year 1 ACMNA015</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>Year 2 ACMNA029</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                               | Australian Curriculum Links   |
|---------|--|---|
| 3       | 16) Bonds: Building a Wall                               | <p><b>Year 1 ACMNA015</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                     | Australian Curriculum Links   |
|---------|-------------------------------------|---|
| 4       | 21) Bonds: Building a Wall          | <p><b>Year 1 ACMNA015</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  | Australian Curriculum Links  |
|---------|--|--|
| 5       | 26) Bonds: Building a Wall                                       | <b>Year 2 ACMNA029</b><br>• Explore the connection between addition and subtraction.   |
|         | 27) Fluency: Filling a Wall                                      |  |
|         | 28) Fluency: Tic-Tac-Toe   | <b>Year 2 ACMNA030</b><br>• 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>Year 2 ACMNA036</b><br>• Solve problems by using number sentences for addition or subtraction.                                    |
|         | 31) Equation: Building   |  |
|         | 31) Equation: Building <i>a little easier</i>                    | <b>Year 3 ACMNA054</b><br>• 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   | Australian Curriculum Links  |
|---------|---|--|
| 6       | 34) <b>Bonds of 6 or 7</b> - Bonds: Building a Wall           | <b>Year 2 ACMNA029</b><br>• 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>Year 2 ACMNA030</b><br>• 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>Year 2 ACMNA036</b><br>• 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>Year 3 ACMNA054</b><br>• 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)  | Australian Curriculum Links  |
|---|---|--|
| <b>7</b>  | 41) Bonds: Three In a Row   | <p><b>Year 1 ACMNA014</b></p> <ul style="list-style-type: none"> <li>Count collections to 100 by partitioning numbers using place value.</li> </ul> <p><b>Year 2 ACMNA029</b></p> <ul style="list-style-type: none"> <li>Explore the connection between addition and subtraction.</li> </ul> <p><b>Year 2 ACMNA030</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>Year 3 ACMNA054</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                               | Australian Curriculum Links  |
|-----------------------------------|--|--|
| 8                                 | 57) Bonds: Building a Wall                               | <p><b>Year 2 ACMNA030</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>Year 3 ACMNA055</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                                 | Australian Curriculum Links  |
|---------|---|--|
| 9       | 64) Addition: Lulu                                | <p><b>Year 3 ACMNA054</b></p> <ul style="list-style-type: none"> <li>Recognise and explain the connection between addition and subtraction.</li> </ul> <p><b>Year 3 ACMNA055</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>Year 4 ACMNA083</b></p> <ul style="list-style-type: none"> <li>Find unknown quantities in number sentences involving addition and subtraction and identify equivalent number sentences involving addition and subtraction.</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>  |  |