# **STEPPING STONES**

## **PROGRAM CONTENT**

### **MODULE 1**

- **1.1** Revising Quantities 1 to 6
- **1.2** Revising Quantities 1 to 10
- 1.3 Revising Numerals 0 to 9
- **1.4** Matching Representations for 1 to 10
- **1.5** Recognising Quantities by Sight
- **1.6** Analysing Teen Numbers
- 1.7 Representing Teen Numbers
- 1.8 Writing Teen Numbers
- 1.9 Comparing Teen Numbers
- 1.10 Ordering 1 to 19
- 1.11 Revising Ordinal Number Names
- **1.12** Matching Ordinal Number Names and Symbols

### **MODULE 2**

- 2.1 Revising Addition
- **2.2** Introducing the Idea of Balance
- 2.3 Introducing the Equality Symbol (=)
- 2.4 Introducing the Addition Symbol (+)
- **2.5** Using the Commutative Property of Addition
- 2.6 Identifying Two Parts that Total Ten
- 2.7 Working with Addition
- 2.8 Revising Days of the Week
- **2.9** Working with Cycles of Time (Months and Seasons)
- 2.10 Investigating the Months of the Year
- 2.11 Describing Everyday Events
- 2.12 Revising Time on the Hour (Analog Clocks)

#### **MODULE 3**

- 3.1 Naming Groups of Ten
- 3.2 Writing Tens and Ones (without Zeros)
- **3.3** Writing Tens and Ones, and Number Names
- 3.4 Writing Tens and Ones (with Zeros)
- 3.5 Representing Tens and Ones
- 3.6 Working with Ten as a Group
- **3.7** Exploring the Relative Position of Two-Digit Numbers on a Number Track
- **3.8** Introducing the Symbols for Dollars and Cents
- **3.9** Describing and Naming Australian Coins
- **3.10** Matching Money Pictures, Symbols and Words
- **3.11** Investigating Directions and Turns (Left and Right)
- 3.12 Finding and Drawing Routes

### **MODULE 4**

- 4.1 Identifying One More and One Less
- 4.2 Counting in Steps of 2
- **4.3** Counting Forwards from 5
- 4.4 Using a Number Track to Count On (to 15)
- 4.5 Using the Count-On Strategy with Coins
- 4.6 Using the Count-On Strategy
- **4.7** Using the Commutative Property of Addition with Count-On Facts and Beyond
- 4.8 Using a Number Track to Count On (to 20)
- **4.9** Revising Language to Describe Lengths
- 4.10 Counting Informal Units to Measure Length
- 4.11 Revising Full and Empty
- 4.12 Revising Volume

### **MODULE 5**

- **5.1** Revising Subtraction Language
- 5.2 Developing Subtraction Language
- 5.3 Introducing the Subtraction Symbol (-)
- **5.4** Working with the Subtraction Symbol
- 5.5 Working with Subtraction
- 5.6 Writing Related Subtraction Sentences
- **5.7** Exploring the Difference Model of Subtraction
- **5.8** Solving Word Problems Involving Addition and Subtraction
- **5.9** Writing Addition and Subtraction Number Stories
- **5.10** Working with Time on the Hour (Analog Clocks)
- 5.11 Reading Time on the Hour (Digital Clocks)
- **5.12** Reading and Writing Analog and Digital Times

#### **MODULE 6**

- **6.1** Writing Doubles Addition Sentences
- **6.2** Introducing the Double-Plus-1 Strategy for Addition
- **6.3** Reinforcing the Double-Plus-1 Strategy for Addition
- 6.4 Introducing the Double-Plus-2 Strategy for Addition
- **6.5** Reinforcing the Double-Plus-2 Strategy for Addition
- 6.6 Comparing Addition Strategies
- 6.7 Identifying Features of 2D Shapes
- 6.8 Analysing 2D Shapes
- 6.9 Sorting 2D Shapes
- 6.10 Identifying 2D Shapes
- 6.11 Identifying Horizontal and Vertical Lines
- 6.12 Identifying Parallel Lines

# STEPPING STONES

## **PROGRAM CONTENT**

### **MODULE 7**

- 7.1 Working with Tens and Ones
- 7.2 Representing Two-Digit Numbers
- 7.3 Comparing Quantities Less Than 100
- 7.4 Comparing Two-Digit Numbers (Place Value)
- 7.5 Ordering Two-Digit Numbers
- 7.6 Analysing 100
- 7.7 Working with Place Value on a Number Chart
- 7.8 Skip Counting by 5 and 10
- **7.9** Skip Counting by 2
- 7.10 Exploring Repeating Patterns
- 7.11 Exploring Patterns that Increase or Decrease
- 7.12 Finding and Describing Odd and Even Numbers

### **MODULE 8**

- 8.1 Exploring Combinations of Ten
- 8.2 Using Combinations of Ten to Add
- **8.3** Introducing the Bridge-to-Ten Strategy for Addition
- **8.4** Using the Bridge-to-Ten Strategy for Addition
- **8.5** Using the Commutative Property of Addition with Bridge-to-Ten Facts
- 8.6 Consolidating Addition Strategies
- 8.7 Applying Addition Strategies
- **8.8** Working with Equal Groups (Multiplication)
- 8.9 Working with Equal Groups (Division)
- 8.10 Sharing Between Two
- 8.11 Sharing Among Four
- 8.12 Working with Amounts Left Over

### **MODULE 9**

- **9.1** Revising Tens and Ones, and Number Names
- 9.2 Revising Tens and Ones, and Numerals
- **9.3** Reinforcing Number Names and Numerals
- 9.4 Introducing the Number Line
- 9.5 Rounding Numbers to the Nearest Ten
- 9.6 Identifying 3D Objects
- 9.7 Identifying Features of 3D Objects
- **9.8** Recognising and Describing Features of 3D Objects
- 9.9 Comparing 3D Objects
- 9.10 Comparing Mass Using Balance Scales
- **9.11** Measuring Area Using the Same Informal Units
- **9.12** Measuring Area Using Different Informal Units

### **MODULE 10**

- 10.1 Identifying the Parts and Total
  10.2 Consolidating Part-Part-Total
  10.3 Relating Addition and Subtraction Facts
  10.4 Writing Related Addition and Subtraction Facts
  10.5 Introducing Fact Families
- 10.6 Working with Addition and Subtraction
- **10.7** Counting On and Back to Subtract
- **10.8** Decomposing a Number to Solve Subtraction Problems
- **10.9** Measuring Length Using the Same Informal Units
- **10.10** Measuring Length Using Different Informal Units
- **10.11** Measuring Volume Using Informal Units
- **10.12** Measuring Capacity Using Informal Units

### **MODULE 11**

- **11.1** Exploring Equality (Two Addends)
- **11.2** Exploring Equality (More Then Two Dividends)
- **11.3** Working with Equality
- **11.4** Using Balance to Represent Word Problems
- **11.5** Identifying One-Half and One-Quarter (Linear Model)
- **11.6** Identifying One-Half and One-Quarter (Discrete Model)
- **11.7** Recording One-Half and One-Quarter (Linear Model)
- **11.8** Recording One-Half and One-Quarter (Discrete Model)
- **11.9** Solving Word Problems Involving Fractions
- **11.10** Introducing Time Half Past the Hour (Analog Clocks)
- **11.11** Reading and Writing Time Half Past the Hour (Digital Clocks)
- **11.12** Relating Analog and Digital Time

### **MODULE 12**

- **12.1** Extending the Count-On Strategy Beyond the Facts
- **12.2** Exploring Addition Patterns
- **12.3** Extending the Count-Back Strategy Beyond the Facts
- 12.4 Exploring Subtraction Patterns
- **12.5** Using Place Value (Number Chart) to Add and Subtract One- and Two-Digit Numbers
- **12.6** Constructing and Interpreting a Tally Chart
- **12.7** Representing Data in Simple Data Displays
- **12.8** Interpreting Information in Simple Data Displays
- **12.9** Interpreting and Constructing a Simple Data Display
- **12.10** Collecting Data to Create Simple Displays
- **12.11** Using Everyday Language to Describe Outcomes of Chance Events
- **12.12** Identifying Outcomes of Everyday Chance Events