

# Correlation of Mathematics Readers Grade 1 to the British Columbia Mathematics Integrated Resource Package

## Number

### PRESCRIBED LEARNING OUTCOME

#### A1.1.

Say the number sequence, 0 to 100, by: 1s forward and backward between any two given numbers

Correlated Lessons:

Celebrate 100 Days, Party Time, A Year in Our Lives, A Day in Our Lives Page 36,41 Objective 1 Students count whole numbers (i.e., both cardinal and ordinal numbers)

### PRESCRIBED LEARNING OUTCOME

#### A3.

Demonstrate an understanding of counting by: Using the counting on strategy

Correlated Lessons:

Celebrate 100 Days, Party Time, A Year in Our Lives, A Day in Our Lives Page 36,41 Objective 1 Students count whole numbers (i.e., both cardinal and ordinal numbers)

### PRESCRIBED LEARNING OUTCOME

#### A4.

Represent and describe numbers to 20 concretely, pictorially, and symbolically [C, CN, V]

Correlated Lessons:

Celebrate 100 Days, Party Time, A Mountain of Trash, Smile! A Trip to the Dentist, Shopping in the City, Let's Play Page Reader Objective 25 Students understand that numerals are symbols used to represent quantities or real-world objects

Looking for Shapes, Shaping Up, Main Street Animal Shelter, Our Favorites Page Reader Objective 35 Students understands that numerals are symbols used to represent quantities or attributes of real-world objects

Music Around the World, Crafty Kids, Day at the Zoo, Night at the Community Center Page Reader Objective 31 Students use whole number models (e.g., pattern blocks, tiles, or other manipulative materials) to represent problems

### PRESCRIBED LEARNING OUTCOME

#### A9.

Demonstrate an understanding of addition of numbers with answers to 20 and their corresponding subtraction facts, concretely, pictorially, and symbolically by: Creating and solving problems in context that involve addition and subtraction

Correlated Lessons:

A Mountain of Trash, Smile! A Trip to the Dentist Page Reader Objective 28 Students solve real-world problems involving addition whole numbers

A Year in Our Lives, A Day in Our Lives Page Reader Objective 39 Students draw pictures to represent problems

Day at the Zoo, Night at the Community Center Page Reader Objective 41 Students explain to others how she or he went about solving a numerical problem

Shopping in the City, Let's Play Page Reader Objective 29 Students solve real-world problems involving subtraction whole numbers

### PRESCRIBED LEARNING OUTCOME

#### **A9.3.**

Demonstrate an understanding of addition of numbers with answers to 20 and their corresponding subtraction facts, concretely, pictorially, and symbolically by: Modelling addition and subtraction using a variety of concrete and visual representations, and recording the process symbolically [C, CN, ME, PS, R, V]

Correlated Lessons:

Music Around the World, Crafty Kids, Day at the Zoo, Night at the Community Center Page Reader Objective 31 Students use whole number models (e.g., pattern blocks, tiles, or other manipulative materials) to represent problems

### PRESCRIBED LEARNING OUTCOME

#### **A10.1.**

Describe and use mental mathematics strategies (memorization not intended), such as: Counting on and counting back to determine the basic addition facts to 18 and related subtraction facts

Correlated Lessons:

Shopping in the City, Let's Play Page 84,89 Objective 7 Students subtract whole numbers

### PRESCRIBED LEARNING OUTCOME

#### **A10.2.**

Describe and use mental mathematics strategies (memorization not intended), such as: Making 10 to determine the basic addition facts to 18 and related subtraction facts

Correlated Lessons:

Shopping in the City, Let's Play Page 84,89 Objective 7 Students subtract whole numbers

### PRESCRIBED LEARNING OUTCOME

**A10.3.** Describe and use mental mathematics strategies (memorization not intended), such as: Doubles to determine the basic addition facts to 18 and related subtraction facts

Correlated Lessons:

Shopping in the City, Let's Play Page 84,89 Objective 7 Students subtract whole numbers

## PRESCRIBED LEARNING OUTCOME

### **A10.4.**

Describe and use mental mathematics strategies (memorization not intended), such as: Using addition to subtract to determine the basic addition facts to 18 and related subtraction facts [C, CN, ME, PS, R, V]

Correlated Lessons:

Shopping in the City, Let's Play Page 84,89 Objective 7 Students subtract whole numbers

## Patterns and Relations

## PRESCRIBED LEARNING OUTCOME

### **B1.1.**

Patterns: Demonstrate an understanding of repeating patterns (two to four elements) by:  
Describing patterns using manipulatives, diagrams, sounds, and actions

Correlated Lessons:

Looking for Shapes, Shaping Up Page Reader Objective 36 Students recognize regularities in a variety of contexts (e.g., events, designs, shapes, sets of numbers)

Music Around the World, Crafty Kids Page 108,113 Objective 10 Students extend simple patterns (e.g., of numbers, physical objects, geometric shapes)

Music Around the World, Crafty Kids Page Reader Objective 30 Students recognize regularities in a variety of contexts (e.g., events, designs, shapes, sets of numbers)

Music Around the World, Crafty Kids, Looking for Shapes, Shaping Up Page Reader Objective 32 Students understand that patterns can be made by putting different shapes together or taking them apart

## PRESCRIBED LEARNING OUTCOME

### **B1.2.**

Patterns: Demonstrate an understanding of repeating patterns (two to four elements) by:  
Reproducing patterns using manipulatives, diagrams, sounds, and actions

Correlated Lessons:

Looking for Shapes, Shaping Up Page Reader Objective 36 Students recognize regularities in a variety of contexts (e.g., events, designs, shapes, sets of numbers)

Music Around the World, Crafty Kids Page 108,113 Objective 10 Students extend simple patterns (e.g., of numbers, physical objects, geometric shapes)

Music Around the World, Crafty Kids Page Reader Objective 30 Students recognize regularities in a variety of contexts (e.g., events, designs, shapes, sets of numbers)

Music Around the World, Crafty Kids, Looking for Shapes, Shaping Up Page Reader Objective 32 Students understand that patterns can be made by putting different shapes together or taking them apart

## PRESCRIBED LEARNING OUTCOME

### **B1.3.**

Patterns: Demonstrate an understanding of repeating patterns (two to four elements) by: Extending patterns using manipulatives, diagrams, sounds, and actions

Correlated Lessons:

Looking for Shapes, Shaping Up Page Reader Objective 36 Students recognize regularities in a variety of contexts (e.g., events, designs, shapes, sets of numbers)

Music Around the World, Crafty Kids Page 108,113 Objective 10 Students extend simple patterns (e.g., of numbers, physical objects, geometric shapes)

Music Around the World, Crafty Kids Page Reader Objective 30 Students recognize regularities in a variety of contexts (e.g., events, designs, shapes, sets of numbers)

Music Around the World, Crafty Kids, Looking for Shapes, Shaping Up Page Reader Objective 32 Students understand that patterns can be made by putting different shapes together or taking them apart

## **PRESCRIBED LEARNING OUTCOME**

### **B1.4.**

Patterns: Demonstrate an understanding of repeating patterns (two to four elements) by: Creating patterns using manipulatives, diagrams, sounds, and actions [C, PS, R, V]

Correlated Lessons:

Looking for Shapes, Shaping Up Page Reader Objective 36 Students recognize regularities in a variety of contexts (e.g., events, designs, shapes, sets of numbers)

Music Around the World, Crafty Kids Page 108,113 Objective 10 Students extend simple patterns (e.g., of numbers, physical objects, geometric shapes)

Music Around the World, Crafty Kids Page Reader Objective 30 Students recognize regularities in a variety of contexts (e.g., events, designs, shapes, sets of numbers)

Music Around the World, Crafty Kids, Looking for Shapes, Shaping Up Page Reader Objective 32 Students understand that patterns can be made by putting different shapes together or taking them apart

## **Shape and Space**

## **PRESCRIBED LEARNING OUTCOME**

### **C2.**

3-D Objects and 2-D Shapes: Sort 3-D objects and 2-D shapes using one attribute, and explain the sorting rule [C, CN, R, V]

Correlated Lessons:

Looking for Shapes, Shaping Up Page 132,137 Objective 12 Students understand basic properties of (e.g., number of sides, corners, square corners) and similarities and differences between simple geometric shapes

## PRESCRIBED LEARNING OUTCOME

### **C3.**

3-D Objects and 2-D Shapes: Replicate composite 2-D shapes and 3-D objects [CN, PS, V]

#### Correlated Lessons:

Music Around the World, Crafty Kids, Looking for Shapes, Shaping Up Page Reader Objective 32 Students understand that patterns can be made by putting different shapes together or taking them apart