

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

## Numbers

### PRESCRIBED LEARNING OUTCOME

#### A1.

Say the number sequence by 1s starting anywhere from 1 to 10 and from 10 to 1 [C, CN, V]

#### Correlated Lessons:

The Pet Store, The Toy Store Page 36, 41: Objective 1: Students will count objects with one-to-one correspondence.

The Pet Store, The Toy Store Page Reader: Objective 18: Students will count by ones to ten or higher.

### PRESCRIBED LEARNING OUTCOME

#### A3.

Relate a numeral, 1 to 10, to its respective quantity [CN, R, V]

#### Correlated Lessons:

At the Pond, In the Garden, Recess Time, Games Are Fun Page Reader: Objective 22: Students will use whole number models (e.g., pattern blocks, tiles, or other manipulative materials) to represent problems.

The Pet Store, The Toy Store Page 36, 41: Objective 1: Students will count objects with one-to-one correspondence.

The Pet Store, The Toy Store, At the Pond, In the Garden, At the Playground, Fun in the Sun Page Reader: Objective 20: Students will understand symbolic, concrete, and pictorial representations of numbers.

The Pet Store, The Toy Store, At the Pond, In the Garden, At the Playground, Fun in the Sun, The Snack Shop, The Bakery Page Reader: Objective 19: Students will understand that numerals are symbols used to represent quantities or attributes.

The Snack Shop, The Bakery Page Reader: Objective 21: Students will understand symbolic, concrete, and pictorial representations of numbers (e.g., written numerals, objects in sets, number lines).

The Snack Shop, The Bakery Page Reader: Objective 25: Students will draw pictures to represent problems.

### PRESCRIBED LEARNING OUTCOME

#### A4.

Represent and describe numbers 2 to 10, concretely and pictorially [C, CN, ME, R, V]

#### Correlated Lessons:

At the Pond, In the Garden, Recess Time, Games Are Fun Page Reader: Objective 22: Students will use whole

number models (e.g., pattern blocks, tiles, or other manipulative materials) to represent problems.

The Pet Store, The Toy Store, At the Pond, In the Garden, At the Playground, Fun in the Sun Page Reader: Objective 20: Students will understand symbolic, concrete, and pictorial representations of numbers.

The Pet Store, The Toy Store, At the Pond, In the Garden, At the Playground, Fun in the Sun, The Snack Shop, The Bakery Page Reader: Objective 19: Students will understand that numerals are symbols used to represent quantities or attributes.

The Snack Shop, The Bakery Page Reader: Objective 21: Students will understand symbolic, concrete, and pictorial representations of numbers (e.g., written numerals, objects in sets, number lines).

The Snack Shop, The Bakery Page Reader: Objective 25: Students will draw pictures to represent problems.

## PRESCRIBED LEARNING OUTCOME

### **A5.**

Compare quantities, 1 to 10, using one-to-one correspondence [C, CN, V]

Correlated Lessons:

At the Pond, In the Garden Page 60, 65: Objective 4: Students will count to compare the number of objects in two groups.

At the Pond, In the Garden Page Reader: Objective 23: Students know the common language for comparing quantity of objects (e.g., "more than," "less than," "same as.")

## Patterns and Relations

## PRESCRIBED LEARNING OUTCOME

### **B1.1.**

Patterns: Demonstrate an understanding of repeating patterns (two or three elements) by: identifying

Correlated Lessons:

Recess Time, Games Are Fun Page 132, 137: Objective 10: Students will recognize, describe, and extend patterns.

## PRESCRIBED LEARNING OUTCOME

### **B1.2.**

Patterns: Demonstrate an understanding of repeating patterns (two or three elements) by: reproducing

Correlated Lessons:

Recess Time, Games Are Fun Page 132, 137: Objective 10: Students will recognize, describe, and extend patterns.

## PRESCRIBED LEARNING OUTCOME

### **B1.3.**

Patterns: Demonstrate an understanding of repeating patterns (two or three elements) by: extending

Correlated Lessons:

Recess Time, Games Are Fun Page 132, 137: Objective 10: Students will recognize, describe, and extend patterns.

## PRESCRIBED LEARNING OUTCOME

### **B1.4.**

Patterns: Demonstrate an understanding of repeating patterns (two or three elements) by: creating

Correlated Lessons:

Recess Time, Games Are Fun Page 132, 137: Objective 10: Students will recognize, describe, and extend patterns.

## PRESCRIBED LEARNING OUTCOME

### **B1.5.**

Patterns: Demonstrate an understanding of repeating patterns (two or three elements) by: patterns, using manipulatives, sounds, and actions [C, CN, PS, V]

Correlated Lessons:

Recess Time, Games Are Fun Page 132, 137: Objective 10: Students will recognize, describe, and extend patterns.

## **Shape and Space**

## PRESCRIBED LEARNING OUTCOME

### **C1.**

Measurement: Use direct comparison to compare two objects based on a single attribute such as length (height), mass (weight), and volume (capacity) [C, CN, PS, R, V]

Correlated Lessons:

After School, At School Page Reader: Objective 29: Students will know the common language of measurement (e.g., "big," "little," "long," "short," "light," "heavy")

## PRESCRIBED LEARNING OUTCOME

### **C2.**

3-D Objects and 2-D Shapes: Sort 3-D objects using a single attribute [C, CN, PS, R, V]

Correlated Lessons:

Around Town, Around Home Page 156, 161: Objective 12: Students will identify and describe shapes.

Around Town, Around Home Page Reader: Objective 26: Students understand basic properties of simple geometric shapes (e.g., number of sides, corner, square corners) and similarities and differences between simple geometric shapes