

Correlation of Mathematics Readers Grade 2 to the British Columbia Mathematics Integrated Resource Package

Number

PRESCRIBED LEARNING OUTCOME

A3.

Describe order or relative position using ordinal numbers (up to tenth) [C, CN, R]

Correlated Lessons:

Getting Ready to Camp, What Is in the Attic?: Reader: Objective 32: Students count whole numbers (i.e., both cardinal and ordinal numbers)

PRESCRIBED LEARNING OUTCOME

A4.

Represent and describe numbers to 100, concretely, pictorially, and symbolically [C, CN, V]

Correlated Lessons:

Getting Ready to Camp, What Is in the Attic?: Reader: Objective 31: Students understand basic whole number relationships (e.g., 4 is less than 10, 30 is 3 tens)

Our Garden in the City, Our School Garden: Reader: Objective 33: Students use whole number models (e.g., pattern blocks, tiles, or other manipulative materials) to represent problems

Our Garden in the City, Our School Garden: Reader: Objective 36: Students understands that numerals are symbols used to represent quantities or attributes of real-world objects

Reduce, Reuse, Recycle, Cleaning Our School: Reader: Objective 46: Students understands that numerals are symbols used to represent quantities or attributes of real-world objects

The World of Transportation, Our Trip to the City, Our Family Reunion, Our Harvest Lunch, Getting Ready to Camp, What Is in the Attic?: Reader: Objective 26: Students understand that numerals are symbols used to represent quantities

PRESCRIBED LEARNING OUTCOME

A5.

Compare and order numbers up to 100 [C, CN, R, V]

Correlated Lessons:

Getting Ready to Camp, What Is in the Attic?: Reader: Objective 31: Students understand basic whole number relationships (e.g., 4 is less than 10, 30 is 3 tens)

PRESCRIBED LEARNING OUTCOME

A6.

Estimate quantities to 100 using referents [C, ME, PS, R]

Correlated Lessons:

World Markets, Farmers Market: Reader: Objective 42: Students understand basic estimation strategies (e.g., using reference sets, using front-end digits) and terms (e.g., "about," "near," "closer to," "between," "a little less than")

PRESCRIBED LEARNING OUTCOME

A7.

Illustrate, concretely and pictorially, the meaning of place value for numerals to 100 [C, CN, R, V]

Correlated Lessons:

Getting Ready to Camp, What Is in the Attic?: Reader: Objective 31: Students understand basic whole number relationships (e.g., 4 is less than 10, 30 is 3 tens)

PRESCRIBED LEARNING OUTCOME

A9.1.1.

Demonstrate an understanding of addition (limited to 1 and 2-digit numerals) with answers to 100 and the corresponding subtraction by: using personal strategies for adding and subtracting with and without the support of manipulatives

Correlated Lessons:

Our Garden in the City, Our School Garden: Reader: Objective 33: Students use whole number models (e.g., pattern blocks, tiles, or other manipulative materials) to represent problems

PRESCRIBED LEARNING OUTCOME

A9.1.2.

Demonstrate an understanding of addition (limited to 1 and 2-digit numerals) with answers to 100 and the corresponding subtraction by: creating and solving problems that involve addition and subtraction

Correlated Lessons:

Getting Ready to Camp, What Is in the Attic? Page 84, 89 Objective 7: Students draw pictures to represent problems.

Our Family Reunion, Our Harvest Lunch Page 60, 65 Objective 4: Students subtract whole numbers

Our Family Reunion, Our Harvest Lunch: Reader: Objective 29: Students solve real-world problems involving subtraction of whole numbers

The World of Transportation, Our Trip to the City Page 36, 41 Objective 1: Students add whole numbers.

The World of Transportation, Our Trip to the City, Our Family Reunion, Our Harvest Lunch: Reader:

Objective 25: Students draw pictures to represent problems

The World of Transportation, Our Trip to the City: Reader: Objective 27: Students solve real-world problems involving addition of whole numbers

PRESCRIBED LEARNING OUTCOME

A10.

Apply mental mathematics strategies, such as:

PRESCRIBED LEARNING OUTCOME

A10.1.

Apply mental mathematics strategies, such as: using doubles to determine basic addition facts to 18 and related subtraction facts

Correlated Lessons:

Our Family Reunion, Our Harvest Lunch Page 60, 65 Objective 4: Students subtract whole numbers

PRESCRIBED LEARNING OUTCOME

A10.2.

Apply mental mathematics strategies, such as: making 10 to determine basic addition facts to 18 and related subtraction facts

Correlated Lessons:

Our Family Reunion, Our Harvest Lunch Page 60, 65 Objective 4: Students subtract whole numbers

PRESCRIBED LEARNING OUTCOME

A10.3.

Apply mental mathematics strategies, such as: one more, one less to determine basic addition facts to 18 and related subtraction facts

Correlated Lessons:

Our Family Reunion, Our Harvest Lunch Page 60, 65 Objective 4: Students subtract whole numbers

PRESCRIBED LEARNING OUTCOME

A10.4.

Apply mental mathematics strategies, such as: two more, two less to determine basic addition facts to 18 and related subtraction facts

Correlated Lessons:

Our Family Reunion, Our Harvest Lunch Page 60, 65 Objective 4: Students subtract whole numbers

PRESCRIBED LEARNING OUTCOME

A10.5.

Apply mental mathematics strategies, such as: building on a known double to determine basic addition facts to 18 and related subtraction facts

Correlated Lessons:

Our Family Reunion, Our Harvest Lunch Page 60, 65 Objective 4: Students subtract whole numbers

PRESCRIBED LEARNING OUTCOME**A10.6.**

Apply mental mathematics strategies, such as: addition for subtraction to determine basic addition facts to 18 and related subtraction facts [C, CN, ME, R, V]

Correlated Lessons:

Our Family Reunion, Our Harvest Lunch Page 60, 65 Objective 4: Students subtract whole numbers

Patterns and Relations**PRESCRIBED LEARNING OUTCOME****B1.1.**

Patterns: Demonstrate an understanding of repeating patterns (three to five elements) by: describing patterns using manipulatives, diagrams, sounds, and actions.

Correlated Lessons:

Our Garden in the City, Our School Garden Page 108, 113 Objective 10: Students extend simple patterns (e.g., of numbers, physical objects, geometric shapes).

Our Garden in the City, Our School Garden, Traveling on a Train, Traveling on an Airplane, Building a Playground, The Fort: Reader: Objective 34: Students understand that patterns can be made by putting different shapes together

Our Garden in the City, Our School Garden, Traveling on a Train, Traveling on an Airplane, Building a Playground, The Fort: Reader: Objective 35: Students recognize regularities in a variety of contexts

PRESCRIBED LEARNING OUTCOME**B1.2.**

Patterns: Demonstrate an understanding of repeating patterns (three to five elements) by: extending patterns using manipulatives, diagrams, sounds, and actions.

Correlated Lessons:

Our Garden in the City, Our School Garden Page 108, 113 Objective 10: Students extend simple patterns (e.g., of numbers, physical objects, geometric shapes).

Our Garden in the City, Our School Garden, Traveling on a Train, Traveling on an Airplane, Building a Playground, The Fort: Reader: Objective 34: Students understand that patterns can be made by putting different shapes together

Our Garden in the City, Our School Garden, Traveling on a Train, Traveling on an Airplane, Building a Playground, The Fort: Reader: Objective 35: Students recognize regularities in a variety of contexts

PRESCRIBED LEARNING OUTCOME

B1.3.

Patterns: Demonstrate an understanding of repeating patterns (three to five elements) by: comparing patterns using manipulatives, diagrams, sounds, and actions.

Correlated Lessons:

Our Garden in the City, Our School Garden Page 108, 113 Objective 10: Students extend simple patterns (e.g., of numbers, physical objects, geometric shapes).

Our Garden in the City, Our School Garden, Traveling on a Train, Traveling on an Airplane, Building a Playground, The Fort: Reader: Objective 34: Students understand that patterns can be made by putting different shapes together

Our Garden in the City, Our School Garden, Traveling on a Train, Traveling on an Airplane, Building a Playground, The Fort: Reader: Objective 35: Students recognize regularities in a variety of contexts

PRESCRIBED LEARNING OUTCOME

B1.4.

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

Correlated Lessons:

Our Garden in the City, Our School Garden Page 108, 113 Objective 10: Students extend simple patterns (e.g., of numbers, physical objects, geometric shapes).

Our Garden in the City, Our School Garden, Traveling on a Train, Traveling on an Airplane, Building a Playground, The Fort: Reader: Objective 34: Students understand that patterns can be made by putting different shapes together

Our Garden in the City, Our School Garden, Traveling on a Train, Traveling on an Airplane, Building a Playground, The Fort: Reader: Objective 35: Students recognize regularities in a variety of contexts

PRESCRIBED LEARNING OUTCOME

B2.1.

Patterns: Demonstrate an understanding of increasing patterns by: describing patterns using manipulatives, diagrams, sounds, and actions (numbers to 100)

Correlated Lessons:

Our Garden in the City, Our School Garden Page 108, 113 Objective 10: Students extend simple patterns (e.g., of numbers, physical objects, geometric shapes).

Our Garden in the City, Our School Garden, Traveling on a Train, Traveling on an Airplane, Building a Playground, The Fort: Reader: Objective 34: Students understand that patterns can be made by putting different shapes together

Our Garden in the City, Our School Garden, Traveling on a Train, Traveling on an Airplane, Building a Playground, The Fort: Reader: Objective 35: Students recognize regularities in a variety of contexts

PRESCRIBED LEARNING OUTCOME

B2.2.

Patterns: Demonstrate an understanding of increasing patterns by: reproducing patterns using manipulatives, diagrams, sounds, and actions (numbers to 100)

Correlated Lessons:

Our Garden in the City, Our School Garden Page 108, 113 Objective 10: Students extend simple patterns (e.g., of numbers, physical objects, geometric shapes).

Our Garden in the City, Our School Garden, Traveling on a Train, Traveling on an Airplane, Building a Playground, The Fort: Reader: Objective 34: Students understand that patterns can be made by putting different shapes together

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Patterns: Demonstrate an understanding of increasing patterns by: extending patterns using manipulatives, diagrams, sounds, and actions (numbers to 100)

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Patterns: Demonstrate an understanding of increasing patterns by: creating patterns using manipulatives, diagrams, sounds, and actions (numbers to 100) [C, CN, PS, R, V]

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different shapes together

Our Garden in the City, Our School Garden, Traveling on a Train, Traveling on an Airplane, Building a Playground, The Fort: Reader: Objective 35: Students recognize regularities in a variety of contexts

PRESCRIBED LEARNING OUTCOME

B3.

Variables and Equations: Demonstrate and explain the meaning of equality and inequality by using manipulatives and diagrams (0 to 100) [C, CN, R, V]

Correlated Lessons:

Getting Ready to Camp, What Is in the Attic?: Reader: Objective 31: Students understand basic whole number relationships (e.g., 4 is less than 10, 30 is 3 tens)

PRESCRIBED LEARNING OUTCOME

B4.

Variables and Equations: record equalities and inequalities symbolically using the equal symbol or the not equal symbol [C, CN, R, V]

Correlated Lessons:

Getting Ready to Camp, What Is in the Attic?: Reader: Objective 31: Students understand basic whole number relationships (e.g., 4 is less than 10, 30 is 3 tens)

Shape and Space

PRESCRIBED LEARNING OUTCOME

C4.1.

Measurement: Measure length to the nearest non-standard unit by: using multiple copies of a unit

Correlated Lessons:

World Markets, Farmers Market: Reader: Objective 40: Students know processes for measuring length, weight, and temperature, using basic standard and non-standard units

PRESCRIBED LEARNING OUTCOME

C6.

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

Correlated Lessons:

Building a Playground, The Fort: Reader: Objective 39: Students will understand basic properties of and similarities and differences among simple geometric shapes.

Traveling on a Train, Traveling on an Airplane Page 132, 137 Objective 13: Students will understand basic properties of and similarities and differences among simple geometric shapes.

Statistics and Probability

PRESCRIBED LEARNING OUTCOME

D1.

Data Analysis: Gather and record data about self and others to answer questions [C, CN, PS, V]

Correlated Lessons:

Traveling on a Train, Traveling on an Airplane, Building a Playground, The Fort: Reader: Objective 38: Students will understand that data represents specific pieces of information about real-world objects or activities.

PRESCRIBED LEARNING OUTCOME

D2.

Data Analysis: Construct and interpret concrete graphs and pictographs to solve problems [C, CN, PS, R, V]

Correlated Lessons:

Reduce, Reuse, Recycle, Cleaning Our School Page 204, 209 Objective 22: Students will collect and represent information about objects or events in simple graphs.

Reduce, Reuse, Recycle, Cleaning Our School: Reader: Objective 47: Students will understand how to read and write the various types of graphs, as well as determine which types of graphs are appropriate to use for different situations.