

Correlation of Mathematics Readers Kindergarten to the Saskatchewan Mathematics Curriculum

Number Strand

NK.1.a.

State the whole number that comes after a given number, zero to nine.

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.

OUTCOME

NK.1.c.

Recite the whole number names from a given number to a stated number (forward - zero to ten, backward - ten to zero) using visual aids.

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.

OUTCOME

NK.2.b.

Identify the whole number that represents an arrangement of objects, dots, or pictures on a five frame.

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.

OUTCOME

NK.3.a.

Construct or draw a set of objects corresponding to a given numeral.

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.

OUTCOME

NK.3.b.

Identify the number of objects in a set.

Correlated Lessons:

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

OUTCOME

NK.3.c.

Hold up the appropriate number of fingers for a given numeral.

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.

OUTCOME

NK.3.d.

Match numerals with pictorial representations.

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.

OUTCOME

NK.5.b.

Compare two sets through direct comparison, and describe the relationship between the sets using words such as: more, fewer, as many as, or the same number.

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 Strand

OUTCOME

PK.1.a.

Distinguish between repeating patterns and non-repeating sequences by identifying the part that repeats.

Correlated Lessons:

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

OUTCOME

PK.1.b.

Copy a repeating pattern (e.g., actions, sound, colour, size, shape, or orientation) and describe the pattern.

Correlated Lessons:

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

OUTCOME

PK.1.c.

Extend repeating patterns by two more repetitions.

Correlated Lessons:

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

OUTCOME

PK.1.d.

Create a repeating pattern, using manipulatives, musical instruments, or actions and describe the pattern.

Correlated Lessons:

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

Shape and Space Strand

OUTCOME

SSK.1.a.

Compare the length or height of two objects and explain how they compare using the words shorter, longer, taller, or almost the same.

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")

OUTCOME

SSK.1.b.

Compare the mass of two objects and explain how they compare using the words lighter, heavier, or almost the same.

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")

OUTCOME

SSK.1.c.

Compare the volume of two objects or capacity of two containers and explain how they compare using the words less, more, bigger, smaller, or almost the same.

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")

OUTCOME

SSK.2.a.

Sort a set of familiar 3-D objects using a single attribute, such as size or shape, and explain the sorting rule.

Correlated Lessons:

Around Town, Around Home, Farm Animals, Wild Animals Page Reader: Objective 28: Students will sort and group objects by attributes (e.g., shape, size, color)

Farm Animals, Wild Animals, In the Garden, The Snack Shop, The Bakery Page 204, 209, 65, 108, 113: Objective 16: Students will classify and sort objects

OUTCOME

SSK.2.b.

Determine the difference between two pre-sorted sets by identifying the sorting rule used to sort each of them.

Correlated Lessons:

Around Town, Around Home, Farm Animals, Wild Animals Page Reader: Objective 28: Students will sort and group objects by attributes (e.g., shape, size, color)

Farm Animals, Wild Animals, In the Garden, The Snack Shop, The Bakery Page 204, 209, 65, 108, 113: Objective 16: Students will classify and sort objects

OUTCOME

SSK.3.b.

Describe a 3-D object using words such as big, little, round, like a box, and like a can.

Correlated Lessons:

Around Town, Around Home Page Reader: Objective 27: Students use the names of simple geometric shapes (e.g., circles, squares, triangles) to represent and describe real-world situations.