

Correlation of Mathematics Readers Grade 5 to the Alberta Mathematics Program of Studies

Number: Develop number sense.

OUTCOME

5.1.2.

Use estimation strategies, including: front-end rounding; compensation; compatible numbers in problem-solving contexts. [C, CN, ME, PS, R, V]

Correlated Lessons:

My Store in the Mall, Grandpa's Birthday Present Objective 26 Students will develop and use strategies to estimate computations involving fractions and decimals in situations relevant to students' experience

My Store in the Mall, Grandpa's Birthday Present Objective 28 Students will use estimation to compute whole numbers.

OUTCOME

5.1.5.

Demonstrate, with and without concrete materials, an understanding of multiplication (2-digit by 2-digit) to solve problems. [C, CN, PS, V]

Correlated Lessons:

Night Skies, It Started with Pizza Objective 30 Students will develop fluency in adding, subtracting, multiplying, and dividing whole numbers.

OUTCOME

5.1.6.

Demonstrate, with and without concrete materials, an understanding of division (3-digit by 1-digit), and interpret remainders to solve problems. [C, CN, ME, PS, R, V]

Correlated Lessons:

Night Skies, It Started with Pizza Objective 30 Students will develop fluency in adding, subtracting, multiplying, and dividing whole numbers.

OUTCOME

5.1.8.

Describe and represent decimals (tenths, hundredths, thousandths), concretely, pictorially and symbolically. [C, CN, R, V]

Correlated Lessons:

My Store in the Mall, Grandpa's Birthday Present Objective 25 Students will recognize and generate equivalent forms of commonly used fractions, decimals, and percents.

My Store in the Mall, Grandpa's Birthday Present Objective 26 Students will develop and use strategies to estimate computations involving fractions and decimals in situations relevant to students' experience

OUTCOME

5.1.9.

Relate decimals to fractions and fractions to decimals (to thousandths). [CN, R, V]

Correlated Lessons:

My Store in the Mall, Grandpa's Birthday Present Objective 25 Students will recognize and generate equivalent forms of commonly used fractions, decimals, and percents.

Patterns and Relations (Variables and Equations): Represent algebraic expressions in multiple ways.

OUTCOME

5.3.2.

Express a given problem as an equation in which a letter variable is used to represent an unknown number (limited to whole numbers). [C, CN, PS, R]

Correlated Lessons:

At the Aquarium, Hot Air Balloons Objective 45 Students will express mathematical relationships using equations and formulas.

Night Skies, It Started with Pizza Objective 31 Students will express mathematical relationships using equations.

Night Skies; It Started with Pizza Pages 60, 65 Objective 4 Students will understand the meaning of variables and expressions and how they are related to writing equations.

Shape and Space (Measurement): Use direct and indirect measurement to solve problems.

OUTCOME

5.4.1.

Identify 90 degree angles. [ME, V]

Correlated Lessons:

The Winning Angle; Basketball Angles Pages 84, 89 Objective 7 Students will understand and be able to determine the different types of angles.