

ST. JOHN THE BAPTIST CATHOLIC SCHOOL

School-Wide Mathematics Curriculum – Grade 6

Trimester	Content	Essential State Standard	Strands	Strategies	Assessments
1	Number Sense	1.0 Students compare and order positive and negative fractions, decimals, and mixed numbers. Students solve problems involving fractions, ratios, proportions, percentages.	1.1 Compare and order positive and negative fractions and decimals, and mixed numbers	Place-value grid Number line Board math Problem of Day	Daily board math Quick checks Quick Quizzes Chapter tests
1	Number Sense	2.0 Students perform calculations and solve problems involving +, -, x, and ÷.	2.1 Solve problems involving addition, subtractions, multiplication, and division of positive fractions and explain why a particular operation was used for a given situation. 2.2 Explain the meaning of multiplication and division of fractions and perform calculations	Place-value grid Number line Board math Problem of Day	Daily board math Quick checks Quick Quizzes Chapter tests
2	Number Sense	1.0 Students compare and order positive and negative fractions, decimals, and mixed numbers. Students solve problems involving fractions, ratios, proportions, percentages.	1.2 Interpret and use ratios in different contexts and to show relative sizes of two quantities. 1.3 Use proportions to solve problems involving sides of a similar polygon 1.4 Calculate percentages of quantities and solve problems involving discount at sales, interest earned and tips.	Board math Problem of Day Fold-ables	Daily board math Quick checks Quick Quizzes Chapter tests

3	Number sense	<p>1.0 Students compare and order positive and negative fractions, decimals, and mixed numbers. Students solve problems involving fractions, ratios, proportions, percentages.</p> <p>2.0 Students perform calculations and solve problems involving +, -, x, and ÷.</p>	<p>1.1 Compare and order positive and negative fractions and decimals, and mixed numbers</p> <p>2.3 Solve addition, subtraction, multiplication, and division problems, including those arising in concrete situation, that use positive and negative integers and combinations of these operations</p>	<p>Board math</p> <p>Problem of Day</p> <p>Fold-ables</p> <p>Number lines</p>	<p>Daily board math</p> <p>Quick checks</p> <p>Quick Quizzes</p> <p>Chapter tests</p>
3	Algebra	<p>1.0 Students write verbal expressions and sentences as algebraic; they evaluate algebraic expressions, solve simple linear equations.</p>	<p>1.1 Write and solve one-step linear equations in one variable.</p>		