

**Building – Elementary School
Grade Level – 5th Grade
Subject - Math**

Date Semester	IL Learning Standards	Unit and/or Essential Question Content and/or Skills	Assessments and/or Products
August-September	6.5.01 6.5.05 6.5.07 6.5.08 6.5.15 6.5.16 8.5.07 6.5.11 6.5.18	Chapter 1 Place Value: Whole Numbers and Decimals <ul style="list-style-type: none"> • Place value: millions • Compare and Order • Make a Table • Billions • Applying Whole Numbers • Decimal to Hundredths • Equivalent Decimals • Place Value: Thousandths • Round Whole Numbers and Decimals Problem Solving	Practice and Reteach worksheets Chapter tests ISAT Extended Response Place value manipulatives Computer activities
October	6.5.02 6.5.12 6.5.13 6.5.15 8.5.03 8.5.04 8.5.05 8.5.08 8.5.09 6.5.11 6.5.18	Chapter 2 Add and Subtract Whole Numbers and Decimals <ul style="list-style-type: none"> • Addition and Subtraction Strategies • Estimate Sums and Differences • Add and Subtract Whole Numbers • Number Sentences • Front-End Estimation • Applying Addition and Subtraction • Estimate with Decimals • Add Decimals • Subtract Decimals • Add and Subtract Decimals • Addition and Subtraction Expressions • Underestimate and Overestimate 	Practice and Reteach worksheets Chapter tests ISAT Extended Response Computer activities

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November	8.5.06 10.5.01 10.5.02 10.5.03 8.5.01 6.5.11	Chapter 3 Data, Statistics, and Graphs <ul style="list-style-type: none"> • Collect, Organize, and Display Data • Range, Mode, and Median • Bar Graphs • Draw a picture/diagram • Graphs • Applying Statistics • Line Graphs • Stem-and-Leaf Plots • Choose the Appropriate Graph Mean Problem Solving Sequence/patterns	Practice and Reteach worksheets Samples of graphs, pictures, diagrams Computer activities Chapter tests ISAT Extended Response
December/beginning of January	7.5.02 7.5.04 9.5.01 9.5.03 9.5.04 9.5.05 9.5.06 9.5.07 9.5.08 9.5.09 9.5.13 9.5.14 6.5.11	Chapter 8 Geometry <ul style="list-style-type: none"> • Polygons • Language of Geometry • Angles and Lines • Triangles • Quadrilaterals • Use Logical Reasoning • More About Angles • Applying Geometry • Circles • Congruence and Motion • Similar Figures • Symmetry • Coordinate Graphing 	Practice and Reteach worksheets Math manipulatives of geometric shapes Computer activities Chapter tests ISAT Extended Response

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		<ul style="list-style-type: none"> • Using Data from a Drawing Problem Solving	
January	7.5.03 7.5.04 7.5.05 9.5.02 9.5.10 9.5.11 9.5.12 6.5.11	Chapter 12 Perimeter, Area, Volume <ul style="list-style-type: none"> • Perimeter and Area • Area of Rectangles • Area of Right Triangles • Area of Parallelograms • Make a Model • 3-Dimensional Models • Applying Area • 3-Dimensional Figures • Volume Problem Solving	Practice and Reteach worksheets Computer activities Chapter tests ISAT Extended Response
February	605.04 6.5.17 6.5.18 6.5.19 7.5.07 10.5.04 10.5.05 6.5.11	Chapter 13 Ratio, Percent, Probability <ul style="list-style-type: none"> • Ratios • Equal Ratios • Find Equal Ratios • Scale Drawings • Meaning of Percent • Relate Percents, Fractions, and Decimals • Estimate Percents • Applying Ratio, Percent, and Probability • Conduct an Experiment • Probability • Predict Outcomes • Use Data from a Drawing Different Combinations	Practice and Reteach worksheets M&M math activity Math manipulatives Computer activities Chapter tests ISAT Extended Response

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		Problem Solving	

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Mid February	6.5.09 6.5.16 6.5.11 6.5.14	Chapter 9 Fractions <ul style="list-style-type: none"> • Meaning of Fractions • Fraction Benchmarks • Equivalent Fractions • Make an Organized List • Greatest Common Factor • Simplify Fractions • Mixed Numbers • Least Common Multiple • Compare and Order Fractions and Mixed Numbers Chapter 10 Add and Subtract Fractions using models Problem solving	Practice and Reteach worksheets Fraction manipulatives Computer activities Chapter tests ISAT Extended Response

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Early March	6.5.10 7.5.01 7.5.02 7.5.04 7.5.06 9.5.15 8.5.01 6.5.11	Chapter 7 Measurement <ul style="list-style-type: none"> • Customary Length • Customary Capacity and Weight • Understanding the Customary System • Find a Pattern • Metric Length • Metric Capacity and Mass • Understanding the Metric System • Changing Measures of Time Number lines Problem Solving	Practice and Reteach worksheets Measure objects with ISAT rulers Computer activities Chapter tests ISAT Extended Response
Middle March	6.5.15 6.5.06 6.5.18 6.5.11 8.5.02	Chapter 4 Properties: associative, identity, distributive p. 114-115 Multiplication as repeated addition Multistep problems Problem solving Square numbers Construct a rule for the term of a given sequence	Practice and Reteach worksheets Chapter tests ISAT Extended Response

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Middle March	all	ISAT REVIEW ISAT TESTING	Practice review sheets covering each standard After school review session
March-April	6.5.06 6.5.11	Chapter 4 Multiply Whole Numbers and Decimals <ul style="list-style-type: none"> • Patterns and Properties • Estimate Products • Use the Distributive Property • Multiply by 1-Digit Numbers • Solve Multistep Problems • Multiply by 2-Digit Numbers • Closer Estimates • Multiply Decimals by Whole Numbers • Use Models to Multiply • Multiply with Decimals • Zeros in the Product • Make a Table Problem Solving	Practice and reteach worksheets Computer activities Flashcards Chapter tests ISAT Extended Response

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End of April- first of May	6.5.11	Chapter 5 Divide Whole Numbers and Decimals: 1 digit divisors <ul style="list-style-type: none"> • Meaning of Division • Use Division Patterns • Estimate Quotients • Divide Whole Numbers • Zeros in the Quotient • Mean • Divisibility Rules • Use Models to Divide Decimals • Divide Decimals by Whole Numbers • More Dividing Decimals • Multiplication and Division Expression Problem Solving	Practice and Reteach worksheets Computer activities Flashcards Chapter tests ISAT Extended Response

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May	6.5.11	Chapter 6 Divide Whole Numbers and Decimals: 2 digit divisors <ul style="list-style-type: none"> • Use Division Patterns • Estimate Quotients • Use Models to Divide • Divide by 2-Digit Divisors • Guess, Test, and Revise • Divide Greater Numbers • Order of Operations • Applying Division • Divide by Powers of 10 • Divide by 2-Digit Numbers Problem Solving	Practice and Reteach worksheets Computer activities Chapter tests ISAT Extended Response
End of May	6.5.14 6.5.11	Chapter 10 Add and Subtract Fractions and Mixed Numbers <ul style="list-style-type: none"> • Add Fractions • Subtract Fractions • Estimate with Mixed Fractions • Add Mixed Numbers • Subtract Mixed Numbers • Add and Subtract Mixed Numbers Problem Solving	Practice and Reteach worksheets Fraction manipulatives Computer activities Chapter tests ISAT Extended Response