

**Building – Elementary School
Grade Level – 4th Grade
Subject - Math**

Date Semester	IL Learning Standards	Unit and/or Essential Question Content and/or Skills	Assessments and/or Products
September-October	6.A.2 6.B.2 6.C.2a 6.C. 2b	Chapter 1: Place Value <ul style="list-style-type: none"> • up to millions • rounding up to thousands • ordering • comparing • compare and order decimals through hundredths Chapter 4: Multiplication and Division Facts Chapter 5: 1 Digit Multiplication <ul style="list-style-type: none"> • 3 digit by 1 digit Chapter 2: Addition and Subtraction with Money <ul style="list-style-type: none"> • trading 	Problem Solving Daily Assignments Math Strategies Portfolios Journal Entries Friday Quizzes ISAT Extended Responses
November-December	7.A.2b 8.B.2 10.A.2a 10.A.2c 10.B.2a 10.B.2b 10.B.2d	Chapter 2: Money <ul style="list-style-type: none"> • counting money • making change Chapter 3: Time and Graphs <ul style="list-style-type: none"> • elapsed time in same half day, • am, pm, quarter of, half past, quarter past, • tally charts • pictographs, bar graphs, line graphs, pie graphs, • naming points, ordered pairs, connecting points, plotting points 	Problem Solving Daily Assignments Math Strategies Portfolios Journal Entries Friday Quizzes ISAT Extended Responses Technology
January	10.A.2b 10.B.2c 7.C.2a 9.A.2a 9.A.2b 9.A.2c 9.B.2	Chapter 3: Range, Medium and Mode Chapter 9: Geometry <ul style="list-style-type: none"> • 2-D figures • 3-D figures • rays, lines, points, line segments, angles, right angles, • intersecting lines, parallel lines, perpendicular lines • congruent, similar, symmetry 	Problem Solving Daily Assignments Math Strategies Portfolios Journal Entries Friday Quizzes ISAT Extended Responses

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		<ul style="list-style-type: none"> • polygons vs. non polygons • flips, slides, turns 	Technology
February	7.A.2a 7.B.2a 7.B.2b 7.C.2b	Chapter 7: Measurement <ul style="list-style-type: none"> • metric to ½ cm., standard unit to ½ in. • perimeter • weight • mass • conversions within same measurement system. Chapter 9: Geometry <ul style="list-style-type: none"> • area and volume 	Problem Solving Daily Assignments Math Strategies Portfolios Journal Entries Friday Quizzes ISAT Extended Responses
March	6.A.2 6.B.2 6.C.2a 6.C.2b 10.C.2a 10.C.2b 10.C.2c	Chapter 10: Fractions and Probability <ul style="list-style-type: none"> • understanding fractions • ordering and comparing fractions with like denominators • equivalent fractions • expanding fractions • reducing fractions • adding and subtracting with like denominators • describe in terms of certain, most likely, equally likely, least likely, possible, and impossible • describe the chances (Ex. 3 out of 4 or ¾) 	Problem Solving Daily Assignments Math Strategies Portfolios Journal Entries Friday Quizzes ISAT Extended Responses
April-May	6.A.2 6.B.2 6.C.2a 6.C. 2b 7.A.2b	Chapter 6: Multiplication <ul style="list-style-type: none"> • 2 X 2 digit multiplication Chapter 8: Division <ul style="list-style-type: none"> • division by 1 digit with remainder • 2 digit dividends with and without money 	Problem Solving Daily Assignments Math Strategies Portfolios Journal Entries Friday Quizzes Tangrams

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Throughout Year	8.A.2a 8.A.2b 8.C.2 8.D.2	Algebra <ul style="list-style-type: none"> • Sequencing <ol style="list-style-type: none"> 1. missing term in a pattern 2. describe a pattern 3. extend a pattern • Expressions <ol style="list-style-type: none"> 1. using letters to express an unknown quantity ($x + 3 = 7$) 2. whole number variable value ($3 + m$, when m equals 4) 3. solve the unknown in an equation with one operation ($10 = _ + 3 + 2$) 	Problem Solving Daily Assignments Math Strategies Portfolios Journal Entries Friday Quizzes Pastures Game