

Keeneville Elementary School District 20
Math Curriculum Unit Map – November 2009

	K Trailblazers	1 Trailblazers	2 Trailblazers	3 Trailblazers	4 Trailblazers	5 Trailblazers	6 CMP	7 CMP	8 CMP	8 Algebra
Quarter 1	Number Sense Patterns	Number Sense Geometry	Unit 1: Welcome to Second Grade Unit 2: Exploring Numbers Unit 3: Buttons Unit 4: Working with Data	Data Analysis: Statistics; Graphing; Pictographs Whole Numbers: Adding/Subtracting Up to 4 digits Measurement: Time Geometry: Coordinate Mapping Algebra: Patterns/Equations	Number Sense: Place Value; Addition/Subtraction; Multiplication; Characteristics of Numbers: odd/even, factors/multiples Measurement: Perimeter/Area Algebra: unknown quantities	Unit 1 Populations and Samples Unit 2 Big Numbers Unit 4 Division and Data	Number Sense Probability	Number Sense	Calculator Usage Number Sense: Scientific Notation Measurement conversions Algebra: Patterns, Number Lines, Integer Powers Probability and Statistics	Connections to Algebra Rules of Algebra Solving Linear Equations Graphing Linear Equations
Quarter 2	Number Sense	Number Sense Estimation and Measurement Algebra / Patterns	Number Sense: Addition; Place Value; Division Measurement: Volume; 10s, 100s Data Analysis:	Data Analysis: Probability Whole Numbers: Multiplication Decimals/Money: Measurement: Tools, Units, Area, Perimeter Geometry: 2/3D Shapes, Transformations, Parallel Lines, Symmetry, Congruency, Similarity Algebra: Patterns, Equations	Number Sense: Decimals, Money; Fractions; Numbers to millions Measurement: inches, cm; elapsed time; volume Geometry: Shapes and Solids; Nets, Symmetry, Congruency, Similarity	Unit 4 Division and Data Unit 3 Fractions and Ratios Unit 6 Geometry Angles Unit 7 Decimals and Probability	Number Sense Measurement Probability and Statistics	Algebra	Measurement Algebra: Order of Operations/Simplifying Data Analysis: Graphs and Graphing Probability and Statistics	Writing Linear Equations Solving and Graphing Linear Inequalities Solving Systems of Linear Equations
Quarter 3	Number Sense Geometry	Number Sense Estimation and Measurement Geometry Algebra	Number Sense: Subtraction; Fractions Geometry	Data Analysis Fractions Geometry: Decomposition/Composition/Nets Algebra: Patterns/Equations	Number Sense: Multiplication; Multiplication Patterns Algebra: Equations; inequalities Data Analysis: Mode, range	Geometry Shapes Coordinates Maps Unit 9 Connections to Division	Number Sense Measurement Algebra Geometry	Measurement Geometry	Number Sense: Ratio/Proportion/Scale Drawings/Similar Figures Geometry: Pythagorean Theorem Algebra: Equations; nth term	Powers and Exponents Quadratic Equations Polynomials and Factoring
Quarter 4	Number Sense Measurement Geometry	Data Analysis Number Sense Geometry	Number Sense: Subtraction, Multiplication, Division Probability Measurement	Data Analysis Whole Number Division Fractions, Decimals Measurement: Volume Algebra: Patterns/Equations	Number Sense: Division; Prime Numbers Measurement: Angles Algebra: Using Patterns Data Analysis: Mean	Unit 11 Number Patterns, Primes, and Fractions Unit 12 Using Fractions Unit 8 Applications: An Assessment Unit Unit 13 Ratio and Proportion Unit 15 Developing Formulas with Geometry Unit 16 Bringing It All Together: an Assessment Unit Unit 5	Number Sense Probability and Statistics	Probability and Statistics	Algebra: Equations/Slope Geometry: Transformational Symmetry	Using Proportions and Rational Equations Functions Radicals and More Connections to Geometry