BASIC ALGEBRA CURRICULUM MAP

Problem-Solving Activities & Calculator Usage should begin in September and be ongoing throughout the year.

~ INDICATOR REPEATED FROM PREVIOUS YR. * INDICATOR REPEATED DURING SAME YEAR + PARTIAL INDICATOR BOLD–EXPANSION FROM PREVIOUS YR.

	STANDARDS (Benchmarks)	INDICATORS	VOCABULARY / RESOURCES	ASSESSMENT
1st NINE WEEKS	**Number, Number Sense and Operations** • *Meaning of Operations* **(I)** • *Computation and Estimation* **(G)** • *Number and Number Systems* **(D)** **(C)**	3. Apply order of operations to simplify expressions and perform computations involving integer exponents and radicals. (Gr. 8) 4. Demonstrate fluency in computations using real numbers. 2. Compare, order and determine equivalent forms for rational and irrational numbers. 1. Identify and justify whether properties (closure, identity, inverse, commutative and associative) hold for a given set and operations; e.g., even integers and multiplication.	Algebra 1 Red book: PEMDAS Purple book: Positive / Negative numbers, Dividing a fraction, Number line Venn diagram Reviewing Math (Red Book) Rational, Irrational, Real, Integers, Whole / Natural, Square Roots Cut and paste worksheet, Handwritten worksheets: Closure, Associative, Commutative, Identity, Inverse, Opposites, Property of Zero	