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Title I Math

Guiding Principle

A student at the proficient level in Title I Math will be able to demonstrate understanding of high school mathematics by solving problems, reasoning, communicating, representing, and making connections based on the following indicators:

Benchmark/Topics	As a result of studying Title I Math, I will be able to:
(1) Number Operations <ul style="list-style-type: none"> • Decimals • Fractions • Integers • Percents • Definition of exponents • Order of Operations 	2.1.1 Demonstrate proficiency of number operations using <ul style="list-style-type: none"> <input type="checkbox"/> decimals <input type="checkbox"/> fractions <input type="checkbox"/> integers <input type="checkbox"/> percents <input type="checkbox"/> exponents (expand and simplify) <input type="checkbox"/> order of operations
(2) Introductory Unit <ul style="list-style-type: none"> • Vocabulary • Variables • Algebraic expressions • Properties • Simplify 	3.2.2 Demonstrate an understanding of introductory algebraic concepts when I can <ul style="list-style-type: none"> <input type="checkbox"/> Use appropriate vocabulary <input type="checkbox"/> Identify and assign variables <input type="checkbox"/> Translate algebraic expressions into words and vice versa <input type="checkbox"/> Apply and identify algebraic properties and identities of the real number system <input type="checkbox"/> Simplify algebraic expressions by combining like terms
(3) Linear Equations <ul style="list-style-type: none"> • Solving 	3.3.3 Utilize algebraic methods to <ul style="list-style-type: none"> <input type="checkbox"/> Solve linear equations
(4) Graphing Lines <ul style="list-style-type: none"> • Slope • Plotting Points • Slope-Intercept 	7.1.4 Demonstrate knowledge of linear equations and graphs when I can <ul style="list-style-type: none"> <input type="checkbox"/> Determine the slope given two points or a graph <input type="checkbox"/> Use the following methods to graph: <ul style="list-style-type: none"> <input type="checkbox"/> Plotting points <input type="checkbox"/> Slope and y-intercept

(5) Polynomials <ul style="list-style-type: none">• Basic operations	3.2.5 Show understanding of polynomials when I can <ul style="list-style-type: none"><input type="checkbox"/> Perform basic operations on polynomials
(6) Basic Statistics <ul style="list-style-type: none">• Mean• Median• Mode• Range• Bar Graphs• Pie Graphs	6.2.6 Demonstrate knowledge of basic statistics when I can <ul style="list-style-type: none"><input type="checkbox"/> Calculate or identify the<ul style="list-style-type: none"><input type="checkbox"/> mean<input type="checkbox"/> median<input type="checkbox"/> mode<input type="checkbox"/> range<input type="checkbox"/> Interpret and draw the following graphs:<ul style="list-style-type: none"><input type="checkbox"/> Bar graphs<input type="checkbox"/> Pie graphs

*Benchmark Key – State Content Standard . State Benchmark . District Benchmark