



**District Quarterly Assessment (DQA)  
2010 - 2011 Indicator Schedule  
Algebra 1**

<b>1<sup>st</sup> Quarter Assessment October 13 – November 3, 2010</b>	<b>2<sup>nd</sup> Quarter Assessment January 5 – 26, 2011</b>	<b>3<sup>rd</sup> Quarter Assessment March 9 – March 30, 2011</b>	<b>4<sup>th</sup> Quarter Assessment May 4 – May 25, 2011</b>
<b>A1.2.1 – Solve Linear Equations</b> <b>A1.2.2 – Literal Equation</b> <b>A1.2.3 – Linear Ineq: Sol Sets</b> <b>A1.2.4 – Solve Inequalities</b> <b>A1.2.5 – Combined Inequalities</b> <b>A1.2.6 – Applications: Linear</b> <b>A1.3.3 – Relations/Functions</b> <b>A1.4.1 – Graph Linear Eq.</b> <b>A1.4.2 – Line: Slope/Intercepts</b>	<b>A1.3.1 – Sketch a graph</b> <b>A1.3.2 – Interpret a graph</b> <b>A1.3.3 – Relations/Functions</b> <b>A1.3.4 – Function: Domain/Range</b> <b>A1.4.5 – Write equation of line</b> <b>A1.4.6 – Linear Ineq., 2 variables</b> <b>A1.5.1 – Estimate Solutions</b> <b>A1.5.2 – Graph Inequalities</b> <b>A1.5.3 – Linear Substitution</b> <b>A1.5.4 – Linear Combination</b> <b>A1.5.5 – Linear Combination, Adv</b> <b>A1.5.6 – Applications: Systems</b> <b>A1.7.2 – Simplify Algebraic Ratios</b>	<b>A1.1.1 – Compare real numbers</b> <b>A1.1.3 – Use Properties</b> <b>A1.1.4 – Rational exponents</b> <b>A1.6.1 – Polynomials: Add/Sub</b> <b>A1.6.2 – Monomials: Mult/Div</b> <b>A1.6.3 – Monomials: Power/Root</b> <b>A1.6.4 – Polynomials: Multiply</b> <b>A1.6.5 – Polynomials/Monomials</b> <b>A1.6.6 – Monomial factors</b> <b>A1.7.2 – Algebraic proportions</b> <b>A1.8.2 – Factor Quadratics</b> <b>A1.8.3 – Quadratic Equations</b> <b>A1.8.4 – Complete the Square</b>	<b>A1.1.2 – Simplify square roots</b> <b>A1.1.5 – Dimensional Analysis</b> <b>A1.6.8 – Zeros, solutions, etc.</b> <b>A1.7.1 – Algebraic Ratios</b> <b>A1.8.1 – Quads, Cubic, Radic</b> <b>A1.8.5 – Derive Quad. Formula</b> <b>A1.8.6 – Use Quad. Formula</b> <b>A1.8.7 – Applications: Quad Eq.</b> <b>A1.8.8 – Equations: Radical Exp</b> <b>A1.8.9 – Approx: Roots</b>
Total Items – 32	Total Items – 32	Total Items – 32	Total Items – 32
<b>Resources:</b> <u>Textbooks:</u> Prentice Hall – c2004; Homework Workbooks <u>Calculator Technology:</u> Texas Instruments – TI-Nspire; TI-84+/S.E.; TI-73 Explorer; TI-30XS <u>Software:</u> Apangea Learning – Software for differentiated learning Exemplars – Open-ended questions differentiated by difficulty; includes rubric <u>Technology:</u> Laptop/Classroom Computer; LCD Projector; Mobi; Classroom Response System (Clickers); Document Camera; Livescribe Pen			

Curriculum Development and Management; Mathematics Department; **August 2010**