



District Quarterly Assessment 2010 - 2011 Indicator Schedule – DQA Algebra II

1 st Quarter Assessment October 13 – November 3, 2010	2 nd Quarter Assessment January 5 – 26, 2011	3 rd Quarter Assessment March 9 – March 30, 2011	4 th Quarter Assessment May 4 – May 25, 2011
A2.1.2-Use function notation A2.1.4-Graph relations & functions A2.1.6-Graph inequalities A2.2.2-Solve 2/3-var linear systems A2.2.3-Solve problems with systems A2.2.4-Apply linear models	A2.1.1-Graph polynomial function A2.1.5-Find the zeros of a function A2.3.1-Complex numbers A2.3.2-Plot complex numbers A2.3.3-Quadratic eqns w/ complex #s A2.3.4-Graph quadratic functions A2.3.5-Problems w/ quadratic eqns A2.3.7-Systems w/ quadratic eqns A2.5.2-Divide polynomials A2.5.3-Factor polynomials A2.5.6-Write equation given roots A2.5.7-Solve polynomial w/ factors	A2.1.1-Graph algebraic/rational fcn A2.3.6-Solve radical equations A2.6.1-NEG & fractional exponents A2.6.2-Simplify algebraic fractions A2.6.3-Simplify complex fractions A2.6.4-Eqns w/ algebraic fractions A2.6.5-Problems w/ fractional eqns A2.6.6-Problems w/ variations A2.7.1-Graph exponential function A2.7.2-Properties of logarithms A2.7.3-Exponential/log relationships A2.7.4-Solve exponential/log eqns A2.7.5-Convert log to different base A2.7.6-Simplify/eval log expressions A2.7.7-Eval ln/log w/ calculator A2.7.8-Growth/decay problems	A2.1.1-Graph algebraic function A2.1.2- +, -, ×, ÷ pair of functions A2.1.3-Composition of functions A2.1.7-Piecewise functions A2.4.1-Equations of conic sections A2.4.2-Graph conic sections A2.5.1-Use binomial theorem A2.8.1-Arith/geom sequence/series A2.8.2-Find arith/geom seq term A2.8.3-Sums of arith/geom series A2.8.4-Problem w/ sequence/series A2.9.1-Counting prin/comb/perm A2.9.2-Probabilities: comb/perm
Total Items – 32	Total Items – 32	Total Items – 32	Total Items – 32
Resources: Textbooks: Prentice Hall Mathematics Algebra 2 – c2004; Workbooks Calculator Technology: Texas Instruments – TI-83/84 + Overhead Unit/TI-Nspire Calculator Technology: Department Mobile Lab – eInstruction clickers, Mobi Tablet, Document Camera, and Livescribe Pen Software: Apangea Learning Software; TI-83 Emulator Software or TI-Nspire Teacher Edition Software; Exam View Test Generator References: http://indianadoe.buildyourowncurriculum.com/public/Course_detail.aspx?ID=23563 (ALG 2 curriculum map) http://dc.doe.in.gov/Standards/AcademicStandards/PrintLibrary/docs-math/2006-math-algebraii.doc (ALG 2 academic standards)			