

A YEAR AT A GLANCE – Algebra 2 *(Revised January 2014)*

Note: (number inside parenthesis represents approximate number of days to cover content.)

Benchmark 1	Benchmark 2	Benchmark 3	Benchmark 4
Pretest	<p>All.1 (7 days) Operations with Polynomials Multiplying and dividing polynomials (Chapter 0.2, 6.1, 6.2)</p> <p>All.1 (8 days) Factoring Polynomials (Chapter 0.3)</p> <p>All.7 (5 days) Operations on functions Inverse functions & relations (Chapter 7.1, 7.2)</p> <p>All.6 (4 days) Simplifying radicals (Chapter 7.4)</p> <p>All.1 (8 days) Operations with Radicals Rational exponents (Chapter 7.5, 7.6)</p> <p>All.4d (2 days) Solving radical equations (Chapter 7.7)</p> <p>All.3 (3 days) Complex numbers (Chapter 5.4)</p> <p>Quizzing, Testing, Reviewing(8 days)</p>	<p>All.4 (10 days) Graphing quadratic functions Solve quadratic equations by factoring Completing the square (optional) Quadratic formula & the discriminant (Chapter 5.1, 5.3, 5.5, 5.6)</p> <p>All.8 (2 days) Solve quadratic equations by graphing (Chapter 5.2)</p> <p>All.6 (2 days) Transformations with quadratic functions (Chapter 5.7)</p> <p>All.6, 7 (4 days) Polynomial functions (Chapter 6.3)</p> <p>All.7, 9 (4 days) Analyzing graphs of polynomial functions (Chapter 6.4)</p> <p>All.7 (4 days) Solving polynomial equations (Chapter 6.5)</p> <p>All.7, 8 (4 days) Roots and zeros (Chapter 6.7)</p> <p>All.1a (8 days) Adding, Subtracting, Multiplying & Dividing rational expressions (Chapter 9.1, 9.2)</p> <p>Quizzing, Testing, Reviewing (7 days)</p>	<p>All.6, 7 (6 days) Graphing rational functions Graphing exponential functions (Chapter 9.3, 9.4, 8.1)</p> <p>All.10 (2 days) Variation functions (Chapter 9.5)</p> <p>All.4 (2 days) Solving rational equations & inequalities (Chapter 9.6)</p> <p>All.6, 7, 9 (2 days) Logarithms & Logarithmic functions (Chapter 9.3, 9.4, 8.3)</p> <p>All.9 (2 days) Choosing the Best Model (Chapter 8.3)</p> <p>All.2 (5 days) Arithmetic, Geometric, & Infinite Sequences & Series, Recursion & iteration (Chapter 11.1, 11.2, 11.3, 11.4, 11.5)</p> <p>All.12 (1 day) Permutations & Combinations (Chapter 0.5)</p> <p>All.11 (6 day) Probability & Probability distributions Normal Distribution, Z-scores (Chapter 12.4, 12.5)</p>
Benchmark Test 1	Benchmark Test 2		Post Test
<p>Once content has been introduced, it should be reviewed often and connected to future content.</p>			