

**AGENDAS FOR THE WEEK: November 2- November 6, 2009**

ALGEBRA II PREAP (1<sup>ST</sup> AND 3<sup>RD</sup> PERIOD)

AUSTIN HIGH SCHOOL

APPRENTICE TEACHER: TAYLOR BETHKE

COOPERATING TEACHER: TRICIA JOHNSON

|          | MONDAY  | TUESDAY  | WEDNESDAY   | THURSDAY   | FRIDAY  |
|----------|---|--|---|--|---|
|          | <p><b>5.3 Solving Quadratic Equations by Graphing and Factoring</b></p> <p>Objective(s): SWBAT<br/>                     *Identify the zeroes of a quadratic function using a graph and table<br/>                     *Find the roots of a quadratic equation by factoring<br/>                     *Verify zeroes found for a quadratic function<br/>                     *Generate function rules using the zeroes of a quadratic function</p> <p>TEKS 2A.2A, 2A.6C, 2A.8C, 2A.8D</p> | <p><b>5.3/5.4 Factoring and Completing the Square</b></p> <p><b>Quiz 2.5</b></p> <p>Objective(s): SWBAT<br/>                     *Solve (find zeroes) of a quadratic equation using the square root property<br/>                     *Solve quadratic equations by completing the square<br/>                     *Translate a quadratic function in standard form to vertex form by completing the square</p> <p>TEKS 2A.2A, 2A.5E, 2A.7A, 2A.8D</p> | <p><b>5.4 Completing the Square</b></p> <p>Objective(s): SWBAT<br/>                     *Solve (find zeroes) of a quadratic equation using the square root property<br/>                     *Solve quadratic equations by completing the square<br/>                     *Translate a quadratic function in standard form to vertex form by completing the square</p> <p>TEKS 2A.2A, 2A.5E, 2A.7A, 2A.8D</p> | <p><b>Test Review (5.1-5.4)</b></p> <p>See TEKS from 5.1-5.4</p> | <p><b>Test 3.1 (5.1-5.4)</b></p> <p>See TEKS from 5.1-5.4</p> |
| <b>P</b> | <p><b>Engage</b><br/>                     Warm-up: Check answers for quiz 2.4 (emphasize how to find values in vertex and standard form of quadratic equations)</p> <p>Explanation of min/max values on graphs of quadratic functions.</p> <p>Remind students of Test #1 and Test #2 corrections for 2<sup>nd</sup> six weeks.</p>  | <p><b>Engage</b><br/>                     Graphic Organizer with all ways to find zeroes learned thus far<br/>                     -using graphs/table<br/>                     -factoring</p> <p>Explanation of how to solve quadratic equations using Square Root Property.</p>  | <p><b>Engage</b><br/>                     Warm-up: Completing the square of a trinomial expression.</p>   |  |   |