**Lesson Plans - Week 30 Honors Algebra March 24th – 28th 2014**

**Monday:  9.2 Solving Quadratic Equations by Graphing**

**TSW:**  Solve a variety of quadratic equations by graphing the related function and

 locating its root(s)/solution(s)/x-intercept(s). Understand that some solutions

 are not integral and estimate the root(s) to the nearest tenth.

**Activity:**  HW Review p.533 #64 &65; SmartBoard Notes/Examples; p.537-540;

Groups p.541 #38

**Assessment:** Q&A, Group Work Observation

**HW: 9.2 Handout Study Guide & Intervention**

**Tuesday: 9.3 Transformations of Quadratic Functions**

**TSW:** Apply translations and dilations to quadratic functions.

**Activity:** HW Review; Handout 9.3; SmartBoard Interactive/Notes p.544-547

**Assessment:** HW Results; Independent Work, Observation

***HW: P. 547 #s 1-23 Odds***

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**Wednesday:9.4 Solving Quadratics by Completing the Square**

**TSW:** Write a perfect square trinomial by completing the square and then solve the quadratic

**Activity:** HW Review; Smartboard Interactive; Notes p.552-554; 9.4 Hanout

**Assessment: QU*IZ 1***

**Homework: P. 555 #s 11-29 Odds**

***Thursday:* 9.5 Solving Quadratics using the Quadratic Formula**

**TSW:** Solve quadratic equations by using the Quadratic Formula and use the Discriminant to determine the number of solutions for a given quadratic equation**.**

**Activity:** Warm-up; HW Corrections; Notes p.558-561; Check your understanding # 1- 15 odds,

9.5 Handout.

**Assessment:** Q&A; Independent work
**HW: Finish 9.5 Handout**

**Friday: UNIT REVIEW - SOLVING QUADRATICS**

**TSW:** Participate in a solving a variety of problems requiring the understanding of quadratic

 equations.

**Activity:** Stations for practice problems followed by whole class review/explanation

**Assessment:** Observation and Unit Test Results

**HW: Study for the unit test on Monday**

**Standards for Unit 9 (See pages below)**

 



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