***Week 35 Algebra Lesson Plans April 29th – May 2nd***

**MONDAY: 10.1 SQUARE ROOT FUNCTIONS (Substitute Teacher)**

**TSW:** Graph and Analyze dilations, reflections, and translations of radical functions.

**Activity:** Read p.605-607; Take notes. Once done: Complete p. 608 #s 1-13 ALL

**Assessment:** Independent Work

**HW: 10.1 Handout both sides**

**TUESDAY: 10.2 Simplify Radical Expressions**

**TSW:** Simplify Radical Expressions by using the ***Product and/or* *Quotient Property of Square Roots***

**Activity:** Review HW; Review/Notes p.612-614:f Product & Quotient Property of Square Roots,

 Simplify a square root with a variable; Rationalize a denominator to remove a square
 root in the denominator; use the conjugate to rationalize a denominator. SmartBoard

**Assessment:**  Observation; HW Review; Small groups

**HW: 10.2 Handout both sides**

**WEDNESDAY: 10.3 Operations with Radical Expressions**

**TSW:** Add, subtract, and multiply radical expressions.

**Activity:** Review HW; Notes p.619-621; SmartBoard-whole group; Independent work

 p.621 #s 1-13 all.

**Assessment:**

**HW: Quiz 1 and Handout 10.3 Both Sides**

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 **THURSDAY: 10.4 Solving Radical Equations**

**TSW:** Solve radical equations using the power product of equality.

**Activity:** Review HW; Notes on p. 624-625; Independent work p.626 #1-7 all

**Assessment:** Quiz 1 results, Homework answers, observation, Q&A

**HW:** **10.4 HANDOUT Both Sides**

**FRIDAY: HALF-DAY of SCHOOL (shortened classes)**

**TSW:** Complete a practice quiz and prep for the mid-chapter 10 test.

**Activity:** Complete Quiz 2 and discuss

**Assessment:** Observation

**HW:** Study for the Mid-Chapter TEST; Try problems on p.629

**Common Core State Standards: Chapter 10**



