O'Mara Lesson Plans Week of 03.27 to 03.31

Daily

- Growth Mindset Warm Up

- Function of the Day

- Transition and Housekeeping [10]

Monday, March 27

SWBAT pull the key features of a parabola out of the three forms of quadratic equations (standard, factored, and vertex) and be able to write an equation with these three forms using information from a graph.

- Mini Lesson: Finding the x-intercept of a line (SI form) [20]

- Warm Up: Binomials squared [10]

- *I do:* Intro of 3 Forms using tree chart [10]

- *We do:* Interactive whiteboards (here's an equation, draw and mark parabola; here's a parabola, make the equation; here's the point, make the equation and draw the graph) [20]

- *You do:* Task cards [15]

- *Exit Ticket:* Redo Post-Assessment from MathShell lesson

Tuesday, March 28

SWBAT solve a quadratic equation using solving for square roots, by factoring, and by completing the square.

- Mini Lesson: Finding the x-intercept of a line (Standard Form) [20]

- All the rest of the components of the lesson are on my work computer — add in here

Wednesday, March 29

SWBAT use the quadratic formula to solve quadratic equations and implement it in application problems.

- Mini Lesson: Finding the x-intercept of a line practice [20]

- I do: Guided Notes/Modeling http://www.dvusd.org/cms/lib011/AZ01901092/Centricity/Domain/6209/2-7%20-%20Quadratic%20Formula%20-%20Guided%20Notes.docx

- We do: Practice problems from Kuta — solving and finding the discriminant [20]

- You do: More Kuta practice [10]

- Exit Ticket: Final Kuta problems [10]

Thursday, March 30 and Friday March 31

SWBAT choose and justify their choice of methods in solving quadratic equations including those with complex roots.

- Mini Lesson both days (Thursday practice, Friday quiz) Finding the x-intercept of a line practice [20]

- This 2-day lesson cycle: http://www.cpalms.org/Public/PreviewResourceLesson/Preview/51208