

Middle School Algebra Outreach Learning
April 6 - 10, 2020

Algebra 1 Week of April 6th

If there are any questions,
please feel free to email me at

Mrs. Faith Miller
millerd@lpsd.org

Please use the given links to access
your class period's TEAMS folder:

[2nd Period](#)
[5th Period](#)

Please subscribe to my Remind 101

Text @MillerDA1g to 81010

Previous Lessons:
Analyzing factored form of Quadratics

Objectives

Objective / I Can:

- Solve quadratic equations by using the square root method
- Examine the vertex form of quadratic equations

Activities

Student Activities: [Kahn Academy](#) account

Tuesday, April 7th: Solve by taking Square Root

- Solving Quadratics by taking Square Root Video (2 minutes)
 - Solving Quadratics by taking Square Roots Article
 - Quadratics by taking square roots intro (4 questions)
- Solving Quadratics by taking Square Root Examples Video (5 minutes)
 - Practice (4 questions)
- Quadratics by taking square roots: with Steps Video (1 minute)
 - Quadratics by taking square roots: with Steps (4 problems)
- Solving Simple Quadratics Review Article

Thursday, April 9th: Vertex Form

- Vertex Form Introduction video (6 minutes)
- Graphing Quadratics: Vertex Form video (3 minutes)
 - Graph Quadratics in Vertex Form (4 questions)
- Quadratic Word Problems (Vertex Form) Video (7 minutes)
 - Quadratics word problems in Vertex Form (4 questions)
- Quiz 2 (6 questions)

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Academic/Instructional Support

Schedule :

Students should begin work on Tuesday, 4/07 and should be completed no later than Monday, 4/13 at 8 a.m.

This assignment should take 1.5 hour to complete.

Office Hours:

Wednesdays and Fridays 9 – 11 a.m. 1 – 3 p.m.

Please email me anytime, and I will get back to you as soon as I can.

To Be Graded

Assignment for students to submit:

Tuesday, April 7th – 3 Exercise/Problem Sets (An average of the 3 sets will be taken.)

Thursday, April 9th – 2 Exercise/Problem Sets and Quiz 2 (An average of the 3 grades will be taken.)

When is it due? All assignments are due no later than Monday, April 13th at 8:00am.

What assignments will the student submit?

1. Square Root Exercises practice set (4)
2. Square Root with Examples Problems(4)
3. Practice with Steps (4)
4. Graphing Vertex Form Practice set (4)
5. Solving Using Vertex Form (4)
6. Quiz 2 (6)

How will it be submitted?

All assignments are to be submitted electronically via Khan Academy, except by individual arrangement.