

**Middle School Algebra Outreach Learning**  
**April 6 - 10, 2020**

***Algebra 1 Week of April 6<sup>th</sup>***

If there are any questions,  
please feel free to email me at  
[rheaburnsl@lpisd.org](mailto:rheaburnsl@lpisd.org)

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

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: (Resources, videos for students to use.)

Tuesday, April 7<sup>th</sup>

- Log into [Kahn Academy](#) account using class code:  
2<sup>nd</sup> period: J53666DY  
6<sup>th</sup> period: AWQ4W53X
- Solve by taking the Square Root Video (2 minutes)
- Article to read and answer
- Square Root Exercises (4 questions)
- Solving with Square Root Examples Video (5 minutes)
- Practice (4 questions)
- Quadratics with Steps Video (1 minute)
- Practice with Steps (4 problems)
- Solving Simple Quadratics Review Article

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Thursday, April 9<sup>th</sup>

- Log into Khan Academy with the appropriate class code
- Vertex Form Introduction video (6 minutes)
- Graphing with Vertex Form video (3 minutes)
- Practice (4 questions)
- Quadratic Word Problems Vertex Form Video (7 minutes)
- Practice (4 questions)
- Quiz 2 (6 questions)

### 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 7<sup>th</sup> – 3 Exercise/Problem Sets ( An average of the 3 sets will be taken.)

Thursday, April 9<sup>th</sup> – 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 13<sup>th</sup> 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.

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