

**LPHS Mathematics Outreach Learning**  
**April 20-24, 2020**

***HS Algebra 3 Week of Monday 4/20/20***

Teacher/Team:

L. Dykstra

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

[dykstral@lpsd.org](mailto:dykstral@lpsd.org)

Link to Teams Folders

TEAMS Folders:

7<sup>th</sup> period: [7th Period](#)

8<sup>th</sup> period: [8th Period](#)

Previous Lessons:

Prior assignments in the 5<sup>th</sup> six-weeks are in the files section of Teams:

Link to: (*Resources*).

- Assignments for the weeks before Spring Break are in Class Materials > Past Work > “Week of” Monday of the week the work was due.
- Assignments for the weeks after Spring Break are in Class Materials > date of the first date of the week they were assigned.

## Objectives

Objective / I Can:

- Rational Exponents
- Converting to A Different Base
- Solving Exponential Equations with Variables in the Exponent
- Solving Exponential Equations with Variables in the Base

## Activities

Student Activities: (Resources, videos for students to use.)

**Topic 1:** Rational Exponents

- a. Video: Rational Exponents
- b. Notes: Rational Exponents
- c. Assignment: Rational Exponents

**Topic 2:** Converting to A Different Base

- a. Video: Converting to A Different Base
- b. Notes: Converting to A Different Base
- c. Assignment: Converting to A Different Base

**Topic 3:** Solving Exponential Equations with Variables in the Exponent

- a. Video: Solving Exponential Equations with Variables in the Exponent

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- b. Notes: Solving Exponential Equations with Variables in the Exponent
- c. Assignment: Solving Exponential Equations with Variables in the Exponent

**Topic 4:** Solving Exponential Equations with Variables in the Base

- a. Video: Solving Exponential Equations with Variables in the Base
- b. Notes: Solving Exponential Equations with Variables in the Base
- c. Assignment: Solving Exponential Equations with Variables in the Base

**Academic/Instructional Support**

Schedule:

Teacher Support – TEAMS, Remind, and Email

Ms. Dykstra's email: [dykstral@lpsd.org](mailto:dykstral@lpsd.org)

Ms. Dykstra's Algebra 3 Remind code: lphsalg3

You can sign up at [www.remind.com](http://www.remind.com)

Office Hours

Monday through Friday: 8am – 12pm

**To Be Graded**

When is it due? 4-27-20 8 am

Assignment for students to submit to TEAMS Folder:

- a. Assignment: Rational Exponents
- b. Assignment: Converting to A Different Base
- c. Assignment: Solving Exponential Equations with Variables in the Exponent
- d. Assignment: Solving Exponential Equations with Variables in the Base

Assignments to be submitted outside of TEAMS

None

Student will submit assignments electronically, except by individual arrangement.