

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

***HS Pre AP Geometry Week of Monday 4/20/2020***

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:

1<sup>st</sup> period: [1st Period - Pre-AP Geometry](#)

2<sup>nd</sup> period: [2nd Period - Pre-AP Geometry](#)

3<sup>rd</sup> period: [3rd Period - Pre-AP Geometry](#)

5<sup>th</sup> period: [5th Period - Pre-AP Geometry](#)

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:

- Identify special segments and lines.
- Identify common tangents.
- Use properties of tangents.
- Find arc measures.
- Identify congruent arcs.

## Activities

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

### Topic 1: Special Segments and Lines in Circles

- a. Video: Special Segments and Lines in Circles
- b. Notes: Special Segments and Lines in Circles
- c. Assignment: Special Segments and Lines in Circles

### Topic 2: Tangents

- a. Notes: Tangents
- b. Video: Tangents
- c. Assignment: Tangents

### Topic 3: Arc Measures

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

- a. Notes: Arc Measures
- b. Video: Arc Measures
- c. Assignment: Arc Measures

**Topic 4: Congruent Arcs**

- a. Notes: Congruent Arcs
- b. Video: Congruent Arcs
- c. Assignment: Congruent Arcs

**Academic/Instructional Support**

Schedule:

Teacher Support – TEAMS, Remind, and Email

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

Ms. Dykstra's Pre AP Geometry Remind code: lphspageo  
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? 4-27-2020 8 am

Assignment for students to submit to TEAMS Folder:

- a. Assignment: Special Segments and Lines in Circles
- b. Assignment: Tangents
- c. Assignment: Arc Measures
- d. Assignment: Congruent Arcs

Assignments to be submitted outside of TEAMS  
NONE

Student will submit assignments electronically, except by individual arrangement.