

**WEEK OF:** October 26, 2020

**CLASS:** Adv Alg 4

**TEACHER:** Tate

**CONTACT INFO:**

[ctate@psdl.org](mailto:ctate@psdl.org)

**OBJECTIVES:**

- **Students will be able to evaluate trigonometric functions of acute angles.**
- **Students will be able to evaluate trigonometric ratios of  $30^\circ$ ,  $45^\circ$ , &  $60^\circ$  angles.**
- **Students will be able to use reciprocal and cofunction identities.**
- Students will be able to describe angles in standard position.
- Students will be able to convert from Degree to Radian measure, and vice-versa.
- Students will be able to find angles conterminal to a given angle.
- Students will be able to find arc length and the area of a sector.

**CLASSROOM MEETING TIMES:**

Monday and Thursday 1:20 – 2:00

**ZOOM LINKS:**

Zoom links for synchronous time will be posted to their Math Team in Teams. The links will be posted the morning of the meeting or the previous evening.

**YOUR ASYNCHRONOUS RESPONSIBILITIES BEFORE ZOOM LESSON #1**

**(10-26-2020):**

Students are to watch Lesson 12 Right Triangle Trig Video and do the practice problems in the video and fill out the Form found in assignments.

**YOUR ASYNCHRONOUS RESPONSIBILITIES AFTER ZOOM #1:**

Students are to complete assignment 12 Right Triangle Trig. It is due 10-28-2020 by 11:59 PM. This assignment will be graded and it must be typed in equation editor.

**YOUR ASYNCHRONOUS RESPONSIBILITIES BEFORE ZOOM LESSON #2**

**(10-29-2020):** Students are to watch Lesson 13 Radians and Degree Measure Video and do the practice problems in the video and fill out the Form found in assignments.

**YOUR ASYNCHRONOUS RESPONSIBILITIES AFTER ZOOM #2:**

Students are to complete assignment 13 Radian and Degree Measure. It is due 11-01-2020 by 11:59 PM. This assignment will be graded and it must be typed in equation editor.

**IDEAS FOR USING YOUR ASYNCHRONOUS TIME:**

Watch the video. Do the Form

Work the practice problems.

Write down any questions you may have. Be sure to include the slide number.

Practice Equation Editor.

**DUE DATES:**

Assignment 12 Due 10-28-2020 at 11:59 PM

Assignment 13 Due 11-01-2020 at 11:59 PM

**TEST DATES:**

No test this week. I am moving the test that was planned for October 30<sup>th</sup> to November 6<sup>th</sup>.

**OFFICE HOURS:**

Office hours are Monday, Tuesday, Wednesday, Thursday and Friday from 11:45-12:45.

It is a drop-in format. Students will have the link posted to their Team's page and if they have a question they can drop in and ask the question.