

# Mrs. Cecil's AP Statistics Class Plans

## 4/6/20 to 4/10/20

You will need your textbook, TI-84 Plus CE Calculator, online access, and the outline worksheets.

\*\* If you have any late assignments to submit and the assignment is no longer available in the Assignments through the Teams app, you will need to take a picture of the assignment and e-mail it to me.

### Monday, April 6<sup>th</sup>

- Complete the Section 10.1 Outline
  - If you lost your outline worksheet, it can be found in the Classroom Materials Outlines folder in the Teams Files
- Go through the Section 10.1 PowerPoint found in the Class Materials Section 10.1 folder in the Teams Files
  - A blank copy of the examples explained in the PowerPoint can be found in the Class Materials Section 10.1 folder in the Teams Files if you would like to fill it out as you follow along
  - I did not record my voice this time so you do not have to listen to me. 😊

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

- Complete problems 10.11 & 10.16 starting on page 630 of the textbook
  - In 10.11 part a use *PANIC* & 10.16 use *PHANTOMS*
- Check your answers in the Class Materials Section 10.1 folder in the Teams Files
- Upload a picture of your work on these two problems in the Teams Assignments

### Wednesday, April 8<sup>th</sup>

- Complete problems 10.12 & 10.19 starting on page 630 of the textbook
  - In 10.12 part a use *PANIC* & 10.19 use *PHANTOMS*
- Check your answers in the Teams Files
- Upload a picture of your work on these two problems in the Teams Assignments

### Thursday, April 9<sup>th</sup> & Friday, April 10<sup>th</sup>

- Enjoy your break!!

\*\*You can ask questions at any time through Chat in the TEAMS app. Chat is found on the left side of the screen if using the app on a laptop or found at the bottom of the screen if using the app on your phone.

My e-mail address is [ccecil@rsd.k12.pa.us](mailto:ccecil@rsd.k12.pa.us) and phone number is 412-828-1800 ext 1048

# **Mrs. Cecil's Prob/Stat I Class Plans**

## **4/6/20 to 4/10/20**

### **Prob/Stat I Class**

You will need your textbook, TI-84 Plus CE Calculator (free download), and online access.

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### **Monday, April 6<sup>th</sup>**

- Finish Activity 12-2 parts a to p (skip part g)
  - For part e use normalcdf on the TI-84 Plus CE calculator or the Normal Probability Calculator mentioned in your book (found online at Rossman Chance Applet Collection)
  - For part o, use invNorm on the TI-84 Plus CE or the Normal Probability Calculator mentioned in your book (found online at Rossman Chance Applet Collection)
  - Make sure you read the Watch Out section on pages 255 & 256
- Check your answers in the Class Materials Topic 12 folder in the Teams Files
- Upload a picture of your work to the Teams Assignment

### **Tuesday, April 7<sup>th</sup> & Wednesday, April 8<sup>th</sup>**

- Complete Exercise 12-9 starting on page 263 of your textbook
- Check your answers in the Class Materials Topic 12 folder in the Teams Files
- Upload a picture of your work to the Teams Assignment

### **Thursday, April 9<sup>th</sup> & Friday, April 10<sup>th</sup>**

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# **Mrs. Cecil's Prob/Stat II Class Plans**

## **4/6/20 to 4/10/20**

You will need your textbook, TI-84 Plus CE Calculator, and online access.

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### **Monday, April 6<sup>th</sup>, Tuesday, April 7<sup>th</sup>, & Wednesday, April 8<sup>th</sup>**

- Complete Exercises 25-9 parts c & d (Chi-squared test for independence) & 25-20 (Chi-squared test for equal proportions)
  - Go through all steps to the test. When checking the conditions, make sure you write down the 1<sup>st</sup> row of expected values found in your calculator.
- Check your answers in the Class Materials Topic 25 folder in the Teams Files
- Upload a picture of your work to the Teams Assignment

### **Thursday, April 9<sup>th</sup> & Friday, April 10<sup>th</sup>**

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# **Mrs. Cecil's STEAM K'Nex (Engineering) Class Plans**

## **4/6/20 to 4/17/20**

### **Monday, April 6<sup>th</sup> to Friday, April 17<sup>th</sup>**

- Complete one of the Engineering Design Projects (different than the one you completed last week) found in the Class Materials folder in the Teams Files or attached to the e-mail sent
- When you have finished, take a picture of your project, and “Add Work” to the 2<sup>nd</sup>/3<sup>rd</sup> Week Assignment (4-6 to 4-17) under the Assignments tab in the Teams app or e-mail me a picture

### **Thursday, April 9<sup>th</sup> to Tuesday, April 14<sup>th</sup>**

- Enjoy your break!!

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