

Statistics Summer Work

As we move into the next school year, we prepare for new challenges and experiences. However, it is important that our foundation is sound and on sure footing. Throughout the summer, you will complete a series of tasks. These tasks are listed and explained in more detail in MyOpenMath.

Returning Students:

Go to MyOpenMath.com
Login on right of screen
Locate “Courses you’re taking” list
Select “Enroll in a New Class”
Course ID: **111725**

New to CPS:

Go to MyOpenMath.com
On right menu click “Register as a new Student”
Enter info using email address (Concordia Prep preferred but not necessary)
At bottom of form, enter course ID: **111725**

The purpose of this work is to keep you current in your math skills and to make sure you are prepared to complete standard tasks that will come up in your enrolled course for next year.

The work will be organized into 2-3 week chunks in order to account for vacations, down time, jobs, personal responsibilities, and such. It is not the intention for you to struggle through this work, but if you have questions, I will be available via email.

You are encouraged to use online resources to review topics independently before asking for help. The schedule is as follows:

Task 1: – Look at in June but due first day of class (Aug. 25)

Collect Data: Collect 20-30 data points on anything that represent something that is important to your summer, write a reflection on what you predict will happen and compare to what actually happened, and create a visual representation of your data. (More info and details in MyOpenMath.)

Task 2: – Look at in June but response due first day of class (Aug. 25)

TED Talk Video: Watch the video titled *Why You Should Love Statistics* by Alan Smith and write a 2-3 paragraph response to the video. (More info and details in MyOpenMath.)

Task 3: – Due August 1, 2021

Decimals, Fractions, and Percents: Rounding decimals, converting between fractions, decimals, and percents, comparing fractions, decimals, and percents and using fractions, decimals, and percents to describe charts.

Task 4: – Due August 22, 2021

Graphing Points and Lines in Two Dimensions: Plotting points, understanding characteristics of equations of lines, graphing equations of lines, and finding vertical distance between a point and a line.

Assignments will be listed on the course page on MyOpenMath.com. We will maintain a Sunday night schedule throughout the summer. Assignments will close at midnight on their due dates and will not be reopened after their due dates. You will receive one grade for Tasks 1 & 2 (rubric posted in MyOpenMath) and one grade for Tasks 3 & 4.

If you have any further questions or concerns, do not hesitate to contact Mrs. Couser (amycouser@concordiaprepschool.org).