

Probability and Statistics Syllabus

2020-2021



Mrs. Genecia Mejeur
gmejeur@cpschools.org
269-467-5210 ext. 21204

Class description

This course is an elective math course. This course is designed to provide a basic understanding of descriptive and inferential statistics and probability. Topics include the measure of central tendency, standard deviation, combinations and permutations, probability, sampling, and various distributions. Probability and Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Emphasis is on application of concepts.

This course will prepare students to think critically about data. It will also provide students with a basic understanding of probability and statistics which is a course most colleges and universities require.

Grading

Semester grades will be calculated using the following percentages:

- 80% Summative Assessments
- 20% Formative Assessments (Problem sets, Khan Academy, vocabulary activities, etc)
- 0% Feedback

The following is the conversion that will be used from four-point scale to percentages:

4	100.1%
3	96%
2.5	88%
2	78%
1.5	72%
1	62%
0	50%

Expectations

These are the student expectations for the classroom:

1. I will be respectful at all times towards the teacher, my peers, their belongings and myself.
2. I will complete assigned work on time.
3. I will arrive to class on time and be ready to work- this includes bringing the necessary materials to class.
4. I will ask permission and get a hall pass before leaving the classroom.
5. I will use my time efficiently in the classroom and not distract from the learning of my peers.

Procedures

Entering class: Enter class in an orderly fashion when I give you the "okay". Make sure you have all necessary materials including a pencil, any homework, and your calculator. Once in the classroom, put homework on your desk, start the warm-up and clear your desk of unnecessary materials. The more efficiently we use our time, the more we'll be able to accomplish in class.

Google Classroom: Practice and instruction will be presented through Google Classroom this year for our remote days. Materials will be organized into two week "chunks" for easy access. Any homework for the two week period will be due on the last Friday of the period.

Pencils: You will always work in pencil in this class, so please come prepared. Sharpen pencils before class begins. If you do not have a pencil, I will give you one to use and keep. I DO NOT want to see work done in ink. Errors are inevitable and working in ink makes it hard to fix mistakes.

Calculators: You will be assigned a calculator number to use during class. You are only allowed to use your calculator. Pick it up at the start of class. Calculators are not toys and should only be used as intended. If a calculator is found damaged, the student who was assigned the number in the prior class will be held accountable.

Bathroom: If you need to use it during class, you must ask permission and use a hall pass. If possible, please wait until work time instead of interrupting class.

Asking for help: Raise your hand if you have a question during class instruction. During work time, you may raise your hand or come to my desk to ask for help. I am also available after school. If you are ever confused about anything, please ask for help!!

Leaving class: Pick up your area (do not leave wrappers, scraps of paper or personal belongings). Calculators need to be returned to their proper numbered pocket in the calculator holder. Students are to remain at their desks until the bell rings. Leave the class in a neat and orderly fashion.

Policies

Assessments: There is absolutely no talking, note passing, or looking at other's work during assessments. Students who do not adhere to this rule must redo the given task at a scheduled time after school.

Redos: You may redo any work that you are not satisfied with. It is recommended that you do this within one week from the time the work is handed back. I will only accept redo/ late work until the date of the assessment for the module. You must redo assessments that fall below level 1 proficiency (62%). Assessment redos will be completed at a scheduled time after school.

Cell phones: Cell phones are to be turned off/ silent and not to be seen in the classroom. The first time I see your cell phone I will take it and return it at the end of the hour. The second (and subsequent) offense will result in the cell phone being turned in to the office.

Classroom/school property: Student activity that results in destruction or disfigurement of property is a Major Office Managed Behavior. Students that are caught intentionally damaging school property will be held financially responsible for replacing the item in addition to any consequences assigned by the office.

Please complete the *Google Form on Google Classroom* to indicate that you have read and understand the *Probability and Statistics Syllabus* for the 2020-2021 school year.