

Math 3 CP Spring 2021
Mrs. Giocondi
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Course Description:

Math III will cover concepts from geometry, algebra, statistics, and trigonometry. The Common Core high school standards call on students to *practice applying mathematical ways of thinking to real world issues and challenges*; they prepare students to think and reason mathematically. The high school standards *emphasize mathematical modeling*, the use of mathematics and statistics to analyze empirical situations, understand them better, and improve decisions.

Units to be Covered (Order may possibly change):

- Unit 0 – Review
- Unit 1 – Functions
- Unit 2 – Inverse, Exponential, and Logarithmic Functions
- Unit 3 – Polynomial Functions
- Unit 4 – Rational Functions
- Unit 5 – Circles
- Unit 6 – Quadrilaterals and Triangles
- Unit 7 – Modeling in Geometry
- Unit 8 – Trigonometry
- Unit 9 – Statistics

Materials:

- 3-ring binder/loose-leaf paper
- Graph paper
- TI – 84 graphing calculator
- Pencils

Grading System:

Grades will be calculated accordingly:
(These are approximate values)

Tests: 100 points

Quizzes: 20 - 40 points

Homework/Classwork: 1pt. per daily assignment:

Grading Scale: A = 90 - 100

B = 80 - 89

C = 70 - 79

D = 60 - 69

F = 0 - 59

Hybrid Class Expectations: I expect my students to be dedicated and hard-working students. Being present in class each day is crucial to achievement. While attendance may be virtual for some of the class, it is expected that you will be actively engaged in the online content and ask questions when they arise. Having proper attendance will include being on the live lessons during your assigned block, completing the notes and completing all assignments. **It is an expectation that students are on live through teams for the whole time if not in the classroom for that day.**

Behavior:

1. Observe all rules in the student and UCPS handbooks.
2. Be ready to work when live streaming begins or tardy bell rings if in the building.
3. No food or drink other than clear water is permitted when in the classroom, unless otherwise documented in a health plan.
4. Respect people, equipment, and furnishings in our classroom.
5. Follow directions the first time they are given.

Homework/Notebook:

Guided notes are provided via Canvas or in the classroom. All students are expected to take notes, participate during class, and to complete all classwork/homework assignments.

Homework will be graded every day based on completion and submission. It is worth 1 point complete and submitted or 0 points if not complete or submitted. Late work will not be accepted. Students will have an opportunity to ask questions either during the daily class time, through the Remind app, or email prior to turning in assignments.

Tests/Quizzes: Quizzes and tests will be announced. Tests will be given at the end of each major unit. There will be an EOC State Exam worth 25% of the final grade given during the last week of school on the designated exam day.

*****All work must be submitted as one “.pdf” to receive credit. We will go over how to do this day 1 of class for the first classroom assignment grade.**

*****There is NO extra credit in this course and there are NO retakes of classroom assessments. Please be sure you are prepared for each assessment and take advantage of extra help. Completing each homework assignment nightly and being actively engaged in lessons will help you be prepared.**

Make-Up Work:

No late work will be accepted due to the fact that answers are gone over the next day in class and posted on Canvas.

Extra Help:

Office hours will be available on Fridays by sign-up appointments during the specified time frame listed for the class on Canvas Calendar. Students must sign up for appointments by **Thursday night at 8pm** if needed. Students can reach me via email or the Remind app, but please allow time for response if outside of school hours for teachers.