

## Math 3 CP (A-DAY) 2021-2022

\_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: 3 pt. per daily assignment:

Grading Scale: A = 90 - 100

B = 80 - 89

C = 70 - 79

D = 60 - 69

F = 0 - 59

**Class Expectations:** : Having proper attendance, completing notes, participating in class, and completing all assignments will be critical for success.

**Behavior:**

1. Observe all rules in the student and UCPS handbooks.
2. Be ready to work when the tardy bell ring.
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 and will be on Canvas. All students are expected to take notes, participate during class, and complete all classwork/homework assignments. **Homework will be graded every day based on completion and submission. It is worth 3 points complete or 0 points if not complete or not submitted. Late work will not be accepted unless due to an absence in class.**

**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.

**\*\*\*Please keep in mind that Math 3 is not just an EOC course, but also a graduation requirement for any student wanting to attend a 4-year college or university.**

**\*\*\*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:**

Students are expected to keep up with their own make-up work from any missed days. Late work will only be accepted if you were absent. All make-up work must be completed and submitted in the time allowed per the Union County policy.

**Extra Help:**

- Remind App (refer to Canvas home page)
- Email (questions asked outside of school hours will be answered on the next school day)
- Morning times by appointment only.