## Course Syllabus

Welcome to math class! I am so excited to be working with you in NC Math 3 this semester. My goal is to create a positive learning environment where we accomplish a lot by working hard together. I can't wait for a great year of learning!

**Course Description:** Students will model situations and solve equations, including all types of polynomial functions. Students will expand their abilities to solving exponential equations using the properties of logarithms. Students will also explore in detail parallelogram and triangle theorems. Students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

### Tentative Course Outline

Unit 1 - Functions & Their Inverses

Unit 2 - Exponential & Logarithmic Functions

Unit 3 - Polynomial Functions

Unit 4 - Rational Functions

Mid-Term Exam

Unit 5 - Intro to Geometry

Unit 6 - Circles

Unit 7 - Trigonometric Functions

Unit 8 - Statistics

Final Exam / EOC**

***\*\*NC Math 3 has a required End of Course Exam, which will count as 25% of your overall course grade.***

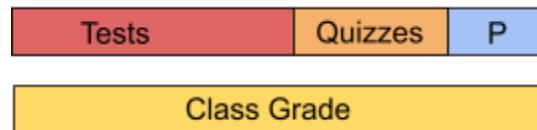**Materials -** You will need the following materials in class each day!
- 1 Folder or 1" - 3-Ring Binder
- Pencils and Erasers
- Colored Pens/Highlighters
- Individual Google Chromebook

### Assignments & Grading

During the course of this semester, there will be several assignments on a daily basis. Do not get behind on your work and check your grades on PowerSchool regularly. Quarter Grades will be calculated as follows:

- Daily Practice - 10% - Practice assignments
- Minor Assessments - 35% - Unit Quizzes
- Major Assessments - 55% - Tests, Projects, etc.



### Final Grades will be calculated as follows:
- Final Exam - 25% (End of Course Exam - NC Test)
- Quarter 1 - 37.5%
- Quarter 2 - 37.5%



### Make-Up/Late Work
- Missing work from absences (including tests and quizzes) must be completed **within 5 days.**
- If you are absent, it is **your responsibility** to get the notes and assignments (they will be linked on the unit outline). Schedule a time for extra help, if needed.
- Late work will be due before the end of the respective unit in order to receive partial credit. **NO EXCEPTIONS.**

**Extra Help**
- I & E Sessions are offered once weekly during the school day for students who need extra help outside the classroom.
- Extra help is offered before/after school by appointment.


**Classroom Expectations**

1. ***Be kind and respectful to everyone in the room at all times.***
2. *Show up to class and be prepared!* – Please bring your math notebook, assignments, and materials to class each day.
3. *Take notes* – You will be provided with guided notes almost every day. Please make sure you keep ALL notes and assignments organized in your notebook, as we will reference these throughout the semester.
4. *Give your best effort every day* - Stay on task and use your time wisely. If you always give 100% you can succeed!
5. *Ask Questions* – Every question is a good question. If you don't want to ask it in class, find me after class. I am here to make sure you are successful ☺
6. *Always bring a positive attitude* - Approach the learning process in a positive way and respect the ideas of others. This provides an environment conducive to learning and growing together.


**Other Items**

1. **Instruction Time** -Bell to bell. Please do not pack up early or leave your seat until the bell rings. You are expected to be in the classroom when the bell rings, calculator in hand, cell phone/devices in the charging stand, and materials ready.
2. **Assignments** - All assignments should be completed in **pencil** because mistakes happen! SHOW ALL WORK for full credit.
3. **Chromebooks** - Should be visible ONLY upon my request or when using SmartPass.
4. **Breaks**- No one leaves the room during direct instruction, so no new material or instructions are missed. One student is allowed to leave at a time.
5. **Calculators** - Each student will be assigned a calculator to use. Calculators are to remain in the classroom and to be returned to their numbered spot at the end of each class.  Do not leave them on the desks or take them with you. They are property of the school and will be added to your senior due bill if you take one. We will also use the Desmos Graphing Calculator.  You can add a graphing calculator to your phone!
   ***App for iPhone - Calculate 84; App for Android - Calc 84; (The free version is all you need!)***
6. **Tests**- All tests are designed to be completed within the allotted time period.  Not knowing the material is not an excuse for extra time. Please study and seek help BEFORE the test!


Consequences: 1$^{st}$ offense = Verbal warning; 2$^{nd}$ Offense = Bounce; 3$^{rd}$ Offense = Bounce with office referral; *Severe Infraction = Immediate Office Referral*


- Please review this carefully with your parent/guardian and ask them to fill out and return the information sheet.

**Parents:**

I am extremely excited to have your student in my class this year. I am here exclusively to help your students succeed. I am also here for you if you have any questions or concerns so please feel free to contact me any time. Please fill out the parent information form attached and return ASAP. Please feel free to contact me any time with questions or concerns.

**By signing below, you acknowledge and agree to the policies and information contained in the syllabus.**

**Parent**
**Signature:**_____

**Students:**

**By signing below, you acknowledge and agree to abide by the policies contained in the syllabus.** If at any point in the semester you decide you need help, please attend I&E or email me so we can set up a time to work one-on-one.

**Student**
**Signature:** _____

   **\*Students, please return this page and keep the syllabus in your notebook for reference\***