

# NORTH CAROLINA MATH 3 SYLLABUS - Fall 2019

## **MATERIALS:**

- 3 ring binder
- Loose leaf paper
- Pencils
- Calculator (TI-84 or higher)

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Rm. 1907  
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NC Math 3 builds upon multiple concepts learned and reinforced in both Math 1 and Math 2. Using the foundation of mathematical concepts already established, students will begin to work with more rigorous extensions of those concepts in order to prepare for advanced math courses. Students will focus on a growing ability to work with a wide variety of functions (linear, polynomial, rational, radical, exponential, logarithmic, piecewise), including a much deeper study of trigonometry than previously covered. We will be implementing a mixed curriculum of the Mathematics Vision Project (MVP) and teacher-made resources. More information on these topics can be found at:

<https://sites.google.com/wcpss.net/k-12mathematics/high-school-math-courses/math-3?authuser=0>

## **CLASS POLICIES:**

**Attendance:** To achieve success in mathematics, it is important for you to attend class regularly. Many students have great difficulty trying to learn math work on their own after an absence. Each day's classwork builds on prior learning. If a student misses just one day, they have difficulty following new assignments. When you are absent, check the absent folders for your assignments. An absence of one class period will not excuse a student from turning in previously assigned work on the day they return to class.

### **Grading Breakdown:**

|                |     |
|----------------|-----|
| Tests/Projects | 40% |
| Quizzes        | 30% |
| Homework       | 10% |
| Classwork      | 20% |

### **Semester Breakdown:**

|            |     |
|------------|-----|
| Quarter 1  | 40% |
| Quarter 2  | 40% |
| Final Exam | 20% |

\*\*Students will take the NC Math 3  
EOC at the completion of the course

**Homework:** Homework will be checked daily for completion. You will receive credit if ALL problems are written, numbered, attempted, and all necessary work is shown. You may receive half credit if your work is only partially completed. If you do not have your homework, no points are awarded. If you are absent, it is your responsibility to show me the assignment.

**Quizzes:** Quizzes are to be expected every week. Quizzes may or may not be announced. If you are absent on the day of a quiz, you will not need to make it up. However, it will not count against you. Your original unit test grade will replace the missing quiz grade. I will drop your lowest quiz grade at the end of each nine weeks period. There is no other extra credit given.

**Weekly Overviews:** You will be given a Weekly Overview sheet every week that will count as a QUIZ GRADE. Weekly Overviews will consist of a SAT word of the week, daily warm ups, discussion questions, and/or math journals. This is designed to help you stay on top of your classwork, as well as to reward you for your participation. However, if you fail to turn them in at the end of the week, it will count as a zero for a quiz grade. If you are absent for a class period, it is YOUR responsibility to get the information from a classmate.

**Tests:** Tests will always be announced. If you are absent the day before a test, you must still take the test with your class. If you are absent the day of a test, you have **WITHIN ONE UNIT** to make up the test without deduction. It is YOUR responsibility to schedule a time to make up your test. It is imperative that you make up your missing test before the completion of the next unit test. If you wait any longer to make up a test, then you may not have sufficient time to gain extra points back on your test. Students who are not successful on the test will be given opportunities to improve.

**Teacher Website / Talking Points:** There are several ways to keep in contact with me. I will use the class website to post the syllabus and other important documents. This will also be helpful for different resources for students. On this website you will find instructions on how you can subscribe to Talking Points. The class website is [mathwithmsmuller.weebly.com](http://mathwithmsmuller.weebly.com).

**Tutoring:** If students need extra help, I will be available on Tuesdays from 2:30-3:30. Please make sure that you have reliable means of transportation if you are staying after school. I will need to know in advance if you are riding the activity bus home. Other Math 3 teachers will be available for tutoring throughout the week. Please look on my website for days and locations.

**Progress Reports:** I send home a progress report EVERY three weeks on Friday. If some unexpected absence does occur, the progress report will go out on the following Monday. Progress Reports will also be given out on the scheduled dates mandated by the county.

**Bathroom Policy:** I understand that there will be times during class that students may need to use the bathroom. Each student will be allowed to leave the classroom to use the bathroom in adherence to the 15/15 rule.

**Calculator Use:** The Rolesville High School Math Department recommends that each student obtain a TI-84 graphing calculator for personal use. Because we value academic rigor and excellence, in addition to this there will be calculators **available for use during class time only**. We strongly encourage your student to have their own calculator for homework and preparation for upcoming assessments. Any student wishing to use a classroom calculator MUST sign and return the Rolesville High School Calculator Contract. They will be assigned a specific calculator for the duration of the course and will be responsible for that calculator during class time. Use of a calculator can be revoked if it is being misused or damaged.

## CLASS EXPECTATIONS:

### Respect All

- ❖ Allow everyone to have a say.
- ❖ Be aware of others' thoughts, feelings, and personal space.
- ❖ Allow others the opportunity to learn.
- ❖ Use appropriate language.

### Make Good Decisions

- ❖ Plan ahead.
- ❖ Communicate openly with teachers.
- ❖ Advocate for yourself.
- ❖ Follow teacher expectations for classroom movement and participation.

### Accept Responsibility

- ❖ Follow all directions.
- ❖ Come to class on time and prepared to learn.
- ❖ Turn in assignments on time.

### Safety Comes First

- ❖ Notify the teacher when classroom safety is compromised.
- ❖ Keep your hands and feet to yourself.
- ❖ Refrain from horseplay.
- ❖ Keep pathways clear of clutter.

Si necesita servicios de traducción gratuitos para comprender los procesos escolares, llame al (919) 852-3303

إذا كنت بحاجة إلى خدمات الترجمة المجانية للتعرف على سير العمليات بالمدرسة، اتصل بالرقم (919) 852-3303

Si vous avez besoin de services de traduction gratuits pour comprendre les procédures scolaires, appelez le (919) 852-3303

यदि आपको विद्यालय की प्रक्रियाओं को समझने के लिए निःशुल्क अनुवाद सेवाएं चाहिए, तो (919) 852-3303 पर कॉल करें

학교/교육 과정에 관한 무료 번역 서비스가 필요하시면 다음 번호로 연락하여 주십시오 (919)852-3303

Nếu quý vị cần sự thông dịch miễn phí để hiểu phương pháp trường học, xin vui lòng gọi số điện thoại, 919-852-3303

如果您需要免费翻译服务来了解学校流程，请致电 (919) 852-3303

# **NORTH CAROLINA MATH 3 CLASS CONTRACT**

*Please Read and Sign the following:*

**To be completed by student:**

I understand the class rules and course expectations as outlined above. I will do my best to succeed in Math 3 by completing assigned work and seeking help from Mrs. Stogner. I will take responsibility for my own learning or accept the natural consequences.

**Printed Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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**To be completed by parent/guardian:**

Dear Parents,

Please read the associated Math 3 syllabus brought home today by your child, and sign below. If you have any questions, contact me via e-mail for a prompt reply. I expect this will be a great year in Math 3!

Sincerely,

Rachel Muller

**Printed Name:** \_\_\_\_\_

**Parent/Guardian Signature:** \_\_\_\_\_

**Phone Number:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Date:** \_\_\_\_\_

***\*\*Return this contract to Ms. Muller\*\****

# Rolesville High School Calculator Contract

The Rolesville High School Math Department recommends that each student obtain a TI-84 graphing calculator for personal use. Because we value academic rigor and excellence, in addition to this there will be calculators **available for use during class time only**. We strongly encourage your student to have their own calculator for homework and preparation for upcoming assessments.

Any student wishing to use a classroom calculator must sign and return the contract below. They will be assigned a specific calculator for the duration of the course and will be responsible for that calculator during class time.

As a math student at Rolesville High School, I understand that I will be allowed to use a graphing calculator during class time that is the property of Rolesville High School.

I understand that this calculator will be assigned to me to use in class as long as I agree to the following guidelines:

- If I see any damage or evidence of misuse of the calculator that I did not do, I must report it immediately to my teacher or be held responsible.
- If any of the batteries are missing, I must report this immediately to my teacher or else be responsible for replacement of 4 "AAA" batteries needed to power the calculator.
- If I damage the calculator I will be responsible for replacement of the calculator or paying the current cash value (\$120).
- I will treat the TI-84 as an instructional tool, not a toy. I understand that any of the following misuse will result in my having to replace the calculator and/or denial of calculator privileges:
  - Making scratches/marks on the screen and/or calculator
  - "Text Messages" entered into the calculator
  - Damage of any form to the calculator and/or parts
  - Removal or switching of batteries
  - Putting programs on the calculator without the teacher's permission
  - Loaning calculator to other classmates
  - Dropping the calculator on the floor due to carelessness
  - Taking the calculator from the room/school without permission
  - Removal or tampering with any labels on the calculator

We agree to the above criteria and accept responsibility for any damage. \_\_\_\_\_ Yes \_\_\_\_\_ No

If you do not agree with this contract, it will be your responsibility to provide your own graphing calculator.

Student: \_\_\_\_\_ Date: \_\_\_\_\_

Parent/Guardian: \_\_\_\_\_ Date: \_\_\_\_\_

This form must be signed and returned to your teacher before a calculator will be issued.

The above classroom rules will be enforced by:

Teacher's Signature: \_\_\_\_\_