**Ms. Butler**

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**Welcome to NC Math 3 Honors!**

In this course, the students will expand their math knowledge by going deeper into topics that they have learned in prior courses. They will also be introduced to advanced topics that they may explore further in higher level math courses. This course includes a great deal of material! Therefore, students must be prepared and attentive each day.

**Course Outline:**

**1st Quarter:**

* Functions and their Inverses
* Exponential and Logarithmic Functions
* Modeling Functions
* Polynomial Functions
* Rational Functions

**2nd Quarter:**

* Modeling with Geometry
* Circles
* Trigonometric Functions
* Statistics

**Grading:** The following grading system will be used to determine quarter grades:

Tests 35% Quizzes 30%

Classwork 25% Homework 10%

**Attendance:**

Attendance and participation in class are essential to the student’s success. It is important that the student master concepts as they are presented to stay on task and not fall behind.

**Bathroom passes:**

Students will be given 4 bathroom passes each Quarter (9weeks). They will be handed out on colored sheets. Students will only be given 4 bathroom passes. At the end of the 9 week period if students have not used their bathroom passes they will be given 2 points extra credit on their final average. Students: this could mean the different between an A and a B so think about your class change time to get your business done. Students who have medical issues must provide a doctor’s note.

**Supplies:** The student will need: pencils, composition notebook. There will be a notebook check. A Texas Instruments TI-83 plus or TI-84 (plus) calculator is strongly recommended. Students may use a school-provided calculator in class. However, they will not be allowed to take the school calculators home.

**Classwork:** The student should do all work assigned in class: warm-ups, examples, notes, classwork, etc. ***I reserve the right to collect and grade any work assigned, including warm-ups.***

**Participation:** Students should participate in class discussions, individual and group activities, as well as assist the teacher and/or other students with working problems.

**Homework:** Homework will be assigned **every day**. Homework is an opportunity for students to get extra practice on concepts covered in class. Students should do homework to work the problems on their own, and determine any challenges that they have. Homework may be assigned on a Friday, due to pacing concerns.

**Make-up work:** All late or missing work must be turned into the assignment basket by the day of the unit test; the only exception is if you were absent the day the test was given. The highest grade you will receive on late work is a 70 (if all answers are correct), the exception is only if you were absent the day I collected the assignment.

All assignments given (except bookwork) will be in a white notebook on the back table (I will show you). Due to the nature of the course, it is imperative that students stay for tutoring to get instruction on the material that they missed, as well as complete make-up assignments, quizzes, or tests***.***

**Tutoring:** Students should attend tutoring for help when needed. I will be available for tutoring on **Monday afternoons from 4:00 - 4:45** **pm**. I may also stay on other days, at the advance request of a student.

**Expectations:** There will be no tolerance for disruptive behavior in the classroom. All students have the right to learn in a positive classroom environment, free from distractions. I expect the students to:

* Arrive **on time** and **prepared** for class
* Begin the Warm-up when they enter
* Be respectful in the classroom
* Pay attention and participate in class
* Raise their hand to ask a question
* Be responsible for their own behavior
* Attend tutoring if they need help or have been absent
* Work and study hard!
* Do their very best!

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**Keep the other pages to ensure you are familiar with the class expectations.**

**Student Section:**

Please sign below indicating that you have read and understand the expectations and guidelines outlined in this syllabus.

Student name (printed) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Parent/Guardian Section:**

Thanks for agreeing to work with me to make your child a more responsible, respectful, successful student. When students realize that their parent(s) and teachers are working together with their best interest in mind, they work harder and behave better. **Please encourage your child to pay attention and do all work that is assigned.** This will enable him/her to better understand how to work the problems. **Also, students need to stay for tutoring as soon as they don’t understand or begin to struggle!**

Parent/Guardian name (printed) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Daytime phone number (8:00 – 4:30) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If I cannot reach the parent/guardian, please indicate someone else that I can contact.

Name (printed): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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