****Honors Math 3

Mrs. Burch

Room C214

Welcome to Math 3! Math 3 continues students’ study of advanced algebraic concepts including functions, polynomials, rational expressions, logarithms, trigonometry and geometry. ***For honors only*:** an extra half-quality point. Upon completing this course, a state final exam will be administered.

Course Objectives:

* Unit 1: Intro to Algebra and Functions
* Unit 2: Exponential & Logarithmic Functions
* Unit 3: Polynomial Functions
* Unit 4: Rational Expressions, Equations, and Functions
* Unit 5: Modeling with Geometry
* Unit 6: Circles
* Unit 7: Trigonometry
* Unit 8: Statistics

Classroom Rules:

**[1]** Respect yourself and your future.

**[2]** Respect your fellow students and their right to learn.

**[3]** Respect your teacher.

**[4]** Respect your school’s property and community.

Materials:

* 3 Ring Notebook (2 inches or larger)
* 8 dividers to be labeled Units 1-8
* Notebook and Graph Paper
* Pencils or erasable pens
* Different colored pensand highlighters
* Index Cards (3”x5”) for studying
* **Graphing Calculator**: Any TI-83 or 84 model.

***\*I always appreciate materials for the classroom like colored or white printer paper, tissues, AAA batteries, etc.\****

Extra Help

If you need extra help, I will be available from **6:55-7:20 EVERY DAY** and most **Monday, Tuesday, and Thursday afternoons** from **2:30 – 3:00** in my room. In addition, feel free to email me with any questions.

Cheating/Honor Code:

Cheating will NOT be tolerated. The consequences are as follows: referral to administration, student will receive a grade of ZERO, student will NOT be eligible for a retest.

Graded Work:

* Classwork and homework will be submitted digitally as a working portfolio by the midnight before an assessment and will be evaluated for organization, completion, and reflection. See links on Canvas for more details.
* If you are absent, you will want to get caught up as soon as possible as material builds.
* Tests will be given throughout the semester and all units are subject to any test. **If you are absent on the day of the test, you must have a parent e-mail detailing the reason you were absent, and you will take the test afterschool within five school days. Otherwise you will receive a zero.**
* Quarter 1 Grades will be as follows: Formal Assignments 60%, Informal Assignments 20%, midterm 20%
* Quarter 2 Grades will be as follows: Formal Assignments 70%, Informal Assignments 30%
* Final Grades will be as follows: Quarter 1 40%, Quarter 2 40%, Final Exam 20%

Website: You may access my website from the Faculty link on the Ardrey Kell website: *ashleyeburch.weebly.com.*

Daily course activities will be accessible through **Canvas.**

Communication: The best way to reach me is by e-mail**:** [**ashleye.burch@cms.k12.nc.us**](mailto:ashleye.burch@cms.k12.nc.us)

Please sign up for Mrs. Burch’s **Remind by texting @c2hg7ad to the number 81010**.

***I look forward to working with you throughout the semester to deepen your mathematical knowledge!***

***Mrs. Burch***