Math 3

Ms. Hughes

1st Period: Room B206

2nd Period: Room C211

3rd Period: Room C203

***Office: Room C209

Course Description: Math 3 continues students' study of advanced algebraic concepts including functions, polynomials, rational expressions, logarithms, trigonometry and geometry. Students will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relations and use those representations to solve problems. This course is designed for students who have demonstrated an advanced level of interest and achievement in mathematics (honors). The prerequisite is completion of Math 1 and 2.

Course Objectives:

- Unit 0: Tools of Math III
- Unit 1: Functions
- Unit 2: Polynomials
- Unit 3: Rationals
- Unit 4: Exponential and Logarithmic Functions
- Unit 5: Modeling with Geometry
- Unit 6: Reasoning with Geometry
- Unit 7: Trigonometry
- Unit 8: Statistics

Materials:

- 3 Ring Notebook (2 inches)
- 10 dividers to be labeled 1-10
- Notebook and Graph Paper
- **Pencils**
- Different colored pens
- Index Cards
- **Graphing Calculator**: TI-83 Plus, TI-83 Plus Silver Edition, or any TI-84 model.
  This calculator will be used throughout the semester and is necessary on homework assignments, quizzes, and tests. If there are any concerns regarding this calculator, please feel free to contact me to further discuss them.

I always appreciate materials for the classroom like colored or white printer paper, tissues, etc

Grading Scale:

A: 90-100
B: 80-89
C: 70-79
D: 60-69
F: 59 and below

Cheating/Honor Code:
Cheating will NOT be tolerated. The consequences are as follows: **(1)** referral to administration, **(2)** student will receive a grade of ZERO **and (3)** student will NOT be eligible for a retest.

 Graded Work:
- Homework will be assigned almost every day.
- Assignments will be worth 10 points each for the most part. I will be checking to see that you worked hard to understand the material by **showing all work.**
- Late homework (the next day only) will be accepted for half credit (5 pts).
- If you are absent, you will want to get caught up ASAP as material builds on prior concepts.
- 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 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%

Extra Help:
If you need extra help, I will be available from **6:55-7:20 EVERYDAY** and **Wednesdays and Fridays** from **2:15 – 3:00** in Room C209. Please let me know in advance when you will be coming. In addition, feel free to email me with any questions.

Website: I update my website very frequently. You may access my website from the Faculty link on the Ardrey Kell website or at:

www.maththreehughes.weebly.com

Classroom Policies:
1. When given an assignment or task, get started on it right away.
2. Before class begins, look to the board on what to do with your homework then start on the warm-up immediately.
3. Unless in a class discussion, raise your hand if you have a question or comment.
4. Ask for permission in order to go to the bathroom or to leave the classroom.
5. Cell phones are not to be used or seen on campus during school hours per CMS policy. Any student who is found using his/her phone during my class will receive the consequences noted in the agenda.

The best way to reach me is by email**: baileyk.hughes@cms.k12.nc.us**

Student Initials: _____   **Parent/Guardian Initials: _____**

Parent/Guardian signature: _____

Parent/Guardian phone number: _____

Parent/Guardian email: _____

Student signature: _____