

Mathematics 3 with Mr. Wurst

Tutoring hours: Before school upon request by student.

School phone number: 910 484 1151 extension 214

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Welcome to Math 3!

Math 3 is the third mathematics course in the new common core. This course is designed to prepare students for college mathematics. It will emphasize problem solving, critical thinking, communication and connections among mathematical topics and other subject areas. In this course, we will explore and solve mathematical problems, understand and apply mathematical concepts, think critically and work cooperatively with others. At the end of this course, you will be required to take NC Common Exam. This exam will count as 20% of your final grade.

Required materials: Number 2 pencils, loose leaf lined paper (college rule), binder to contain notes and returned papers (can be shared with another class), a composition notebook for in class notes, a TI-84 or TI-83 (plus) calculator, colored pencils or pens, and glue sticks/tape.

Standard Course of Study

1. Functions and Their Inverse
2. Exponential and Logarithmic Functions
3. Polynomial Functions
4. Modeling with Geometry
5. Rational Functions
6. Reasoning with Geometry
7. Trigonometric Functions
8. Statistics

Homework

Assignments will be given daily in order to understand the concepts in this class. Classwork that is not completed during instructional time will become homework to turn in the following day. Assignments will be checked for completeness and accuracy. Ten points will be deducted for each problem not attempted.

Classwork

Quizzes (announced and unannounced) and other class assignments will be given randomly. The majority of quizzes will come from homework assignments and the interactive math notebook (composition notebook). Other class work will be graded at the discretion of the teacher. Warm-ups will also count as classwork assignments.

Test/Projects

There will be 2-4 tests every six weeks. Ample notification will be given before all tests.

Grading Scale

Tests 40% Classwork/Homework 30% Quizzes 30% 100-90 A, 89-80 B, 79-70 C, 69-60 D, 59-0 F

Powerschool

All grades will be recorded on PowerSchool. Students/Parents can check this any time at <http://idp.nccedcloud.org/idp/AuthnEngine#/authns> using the username and password given at the beginning of the school year.

Class Guidelines:

Absences

All absences are highly discouraged. A student may not miss more than 13 absences in this class. If a student misses more than 13 absences, he or she can be denied credit for this course regardless of his or her numerical grade. All work missed during an absence MUST be made up. It is the student's responsibility to pick up all missed work and schedule any needed make up session with me. Students must pick up all missed work from the "Missing Work Bin" that's in the classroom and make up this work within three days for every absence.

Behavior

All students should be on their best behavior at all times. This includes, but is not limited to, treating the teacher and other classmates with respect, refraining from working on other course work during instructional time, listening carefully to instructions when they are given, and not talking while the teacher is talking. Be mindful of your behavior in the classroom, in the hallways, entering, and leaving the classroom. Students will be written a discipline referral for misconduct on school grounds and in the classroom.

Discipline

My discipline plan will generally consist of the following:

1st time – Warning/conference with student

2nd time – Contact parent/student cool down period

3rd time – Contact parent and lunch detention

4th time – Parent – teacher conference

5th time – Referral to administration

Cell Phones

Cell phones should never be visible in the classroom if not instructed by the teacher that it is an acceptable time to use them. Any phone seen during an inappropriate time will be confiscated and given to administration following the FTS cell phone policy.