Math III - Mr. Hubarth

Course Description

Math III is the third course of a three-year sequence of integrated math courses that incorporate the new state standards and Practice Standards in Mathematics. The purpose of Math III is to develop students' ability to understand polynomials, rational and radical functions, use properties of logarithms to solve exponential equations, Derive Law of Sines and Cosines in general triangles, and to create models with functions and geometry to solve problems in context. The critical topics of this course are:

- Linear Functions and Systems
- Polynomial Function
- Rational Functions
- Rational Exponents and Radical Functions
- Exponential and Logarithmic Functions
- Trigonometric Functions
- Trigonometric Equations
- Data Analysis and Statistics

Extensive use of models (or real-world situations), manipulatives, graphs and diagrams will help students view how mathematics is a set of related topics as opposed to a set of discrete topics. In addition, students will solve problems graphically, numerically, algebraically, and make verbal connections between these representations. Students routinely use the standards for mathematical practice to make sense of problems, justify solutions and conclusions, model with mathematics, and strategically use technology to analyze and solve real-world problems.

Behavioral Expectations

- Bring materials to class everyday (pencil, graph and lined paper, module from text, and calculator).
- Be in class ready to work at the sound of the tardy bell.
- Be willing to participate. Be respectful, attentive, and considerate.
- Rudeness and/or vulgar language will not be tolerated.
- Follow all school and district rules as stated in the student handbook.
- **NO PHONES !!!**

Academic Policies

<u>Homework</u>

- Nightly homework assignments will be listed each day on Canvas.
- Homework assignments are due the following class day by 8:30am.
- Notes will be due by 11:59pm the day they are taken.
- If a student is absent, the assignment must be handed in on the next school day.
- Late work will be accepted, until the Topic Test for half credit. After that assignment will no longer be accepted.
- Papers without names will not be accepted.
- Incomplete Assignments will not be accepted. Students must complete every problem assigned or the assignment will receive a zero.
- You must show a complete solution for each problem with all steps shown and written explanations when asked for. Just writing the answer will receive no credit.

Quizzes

- Quizzes will be given occasionally and may not be announced. They will cover material previously assigned on the homework.
- No Quiz retakes. Quizzes are only 10% of your grade and our geared to help prepare you for your test.

Tests

- A test will be given at the end of each Topic and may include any concepts previously learned in the course.
- If a student is absent for an individual test, he or she will make arrangements with me to take the exam. If a student does not make up the test in a timely manner, a zero grade will be recorded.
- A Final will be given at the end of the semester.
- No test retakes. You will be given a review that is similar to the test and counts as a test grade.

Grading

- Grades will be assigned based on the following percentages:

  A = 90 - 100% B = 80 - 89% C = 70 - 79% D = 60 - 69% F = Below 60%

- Your grades will be weighted as follows:

Individual Tests: 70% Homework/Classwork: 20% Quizzes: 10%

Supplies needed in Math II:

Graph paper, Pencils, Pens, Ruler, Highlighters, Calculators

Extra Help

My office hours are Monday-Friday before school and during break. We have office hours built into the daily schedules on some Thursdays. You can email and I will respond to you as I receive the emails. Students may also make specific appointments with me if these times are not available for them.

Parent/Student Contact

The most efficient way to contact me about the progress of your student is to e-mail me. My e-mail address is: jhubarth@murrieta.k12.ca.us

Parent & Student Acknowledgement Sheet

Dear Math II Parent and Student

Please print and sign your name below. Signing indicates that you have read these policies and understand the course expectations. Also include an email address if that is your preferred way to be contacted. Thank you.

Student Name (print) _____

Student Name (signed) _____

Parent Name (print) _____

Parent Name (signed) _____

Email Address _____