



COURSE DESCRIPTION: This 9th grade mathematics course is offered to MCMS students to ensure the successful completion of the required skill areas of the NJDOE Model Curriculum student learning objectives.

COURSE OUTLINE:

- Unit 1 – Modeling with Linear Equations and Inequalities.
- Unit 2 – Linear Systems and Exponential Functions.
- Unit 3 – Quadratic Equations, Functions and Polynomials.
- Unit 4 – Modeling with Statistics.

GRADING:

80% CONTENT KNOWLEDGE - ASSESSMENTS

This category refers to the evaluation of your understanding and knowledge through formal assessments, such as tests, quizzes, or exams. These assessments are designed to measure how well you have grasped the subject matter and concepts taught in the mathematics curriculum. The assessment category carries the most weight in the overall grade. Reassessment in the form of a different version will be available to encourage continued improvement.

Assignments should meet the following criteria:

- No teacher assistance
- Questions include multiple levels of difficulty including enrichment
- Completed in classroom under supervision

20% FORMATIVE TASKS - CLASSWORK/HOMEWORK/PARTICIPATION

Formative tasks include a variety of activities that will help you learn and progress throughout the course. These tasks might involve homework assignments, in-class exercises, group discussions, or group work. Unlike assessments that are more summative in nature, formative tasks are designed to provide ongoing feedback and assist you in your learning process. This category emphasizes continuous improvement and active engagement in the learning process.

Included:

- Classwork
- Homework
- Math Practice Check-Ins
- Online platform assignments (DeltaMath, IXL, Desmos, Graspable Math, etc.)

This is an example of a grading system for the five question quizzes.

Number of Problems Correct	Score	With Notes	Proficiency Level
0/5 (attempted)	10	10	Requiz
1/5	25	25	Requiz
2/5	50	50	Requiz
3/5	80	73	Proficient
4/5	90	83	Advanced
5/5	100	93	Mastered

Every topic quiz can be retaken with the new grade fully replacing the old. You are required to complete remediation work before retaking the quiz. This could be the accompanying Deltamath or paper assignments that I provide in class, usually no more than 10 problems that demonstrate that you have a new, stronger understanding of the topic before taking the requiz. Also you can attend homework club, or see me if you have questions about this skill or difficulties completing your remediation.

CLASS MATERIALS:

- A dedicated notebook/binder or folder is suggested to organize notes, and a writing utensil is required to be brought to class each day.
- Chromebook to use for online assignments.
- Graphing Calculator TI 84 if you have your own since there is a limited number of calculators in the classroom.

CLASS POLICIES AND EXPECTATIONS:

- Students must come to class on time and prepared.
- No cellphones will be permitted to be used in class except during special assignments.
- Student cell phones will be given to the Administrator in the event of abuse of the policy.
- Assignments must be completed in a timely manner and reflect the student's own work; academic honesty is expected (i.e., no copying, cheating, plagiarism).
- In the event of an excused absence, it is the student's responsibility to get notes or assignments from a classmate or Google Classroom.

CONTACT INFORMATION: Feel free to email Mrs. Zajac at zajacm@mcmsnj.net or Mr. Sagar at sagarj@mcmsnj.net

EXTRA HELP: Tutoring is available before and/or after school during Homework Club. Struggling students will be encouraged to attend, so they have a successful year!