

Math Strategies

Meet the Teacher



Hi! I'm Ms. Onyekwena and I'm going to be your Math Strategies teacher. This year is my 5th year of teaching, but my first year at Madison High School. I have a bachelor's degree in Information Systems, and I'm currently in my last semester of pursuing a Secondary Mathematics Education master's degree. Teaching math is very fun for me, so I hope to make learning it fun for you. I'm looking forward to meeting you all and growing together.

- Ms. Onyekwena

Class Objective



The goal of this course is to support you in your learning of Algebra I. We will be following the Algebra I curriculum with a focus on enhanced strategies that address issues that make math difficult for you **AND** help you have a deeper understanding of math.

To further support your academic success we will also explore:

- How to set goals and monitor those goals with data
- Strategies to help you perform better on assessments
- How to reflect on your learning to increase understanding
- Ways to communicate your thinking
- What to do when learning starts to feel too difficult
- How to use technology to help you learn better

Supplies



Computer with Google Chrome

For distance learning and activities when we return to learning in person



Graphing Calculator

To help you solve problems, check your solutions, and visualize algebraic concepts



3-Ring Binder

Include 3 tabbed dividers to organize your math resources, notes, and assignments.



Writing Utensils

A pencil is required for written assignments in my class, but you're welcome to use anything for notes and to express yourself creatively.

Areas of Study

- Equations and Inequalities
- Properties of Functions
- Linear Functions
- Applying Linear Relationships
- Systems
- Polynomials
- Quadratic Functions
- Exponential Functions
- Sequences

Class Expectations

- Follow all district and school rules as outlined in the student handbook
- Arrive to class on time and prepared
- Communicate respectfully with all district staff and fellow students
- Respect surroundings, equipment, and supplies by keeping them clean and using them appropriately
- Be attentive, actively participate in class activities, and always put forth your best effort
- Keep your cellphone and non-instructional electronic devices on silent and away

Behavior Consequences

1

**WARNING AND
CONFERENCE**

Conduct grade changed to S

2

PARENT CONFERENCE

Conduct grade changed to P

3

**REFERRAL TO SCHOOL
ADMINISTRATION**

Conduct grade changed to U

Grades

A 90 - 100

B 80 - 89

C 75 - 79

D 70 - 74

F 69 OR LESS

Assignments

- Warm Ups - review of previously learned concepts
- Classwork - Guided practice to check for understanding
- Homework - Out of class practice of current concepts
- Quizzes - Weekly assessment of current concepts
- Tests - Unit Assessments
- Projects - Creative demonstrations and real world applications of concepts

- All assignments will be posted on the hub
- External Platforms we will use for assignments: Nearpod, FlipGrid, Desmos, Quizizz
- Quizzes, tests, and projects must be completed independently. Not completing assessments independently will result in a 0.

Tutorials

4:15 - 5:15

[By Request]

Late Work

- Students will be held responsible for all missing assignments
- Students with excused absences will be allowed 5 school days to make up any missing assignments
- All other missing work must be submitted within one school day of the due date with a 20% penalty
- Assignments not submitted within the given time period will receive a grade of zero