



Woodmont Middle School

Science | Technology | Engineering | Arts | Mathematics



Welcome to 8th Grade Mathematics ! I am very excited for you to be a part of my class! I am confident that we've got a lot to learn from one another. Please show up ready to learn & ready to extend grace to your classmates and me. Thoroughly read through this syllabus - it will help you get a better understanding of the course and my expectations. It's going to be a fantastic year!

vkauodo@greenville.k12.sc.us

Vincent Kauodo

SUPPLIES: 2 Composition Notebooks; Pencils; Notebook paper; Divider; Graph Paper; McGraw Hill Textbook

COMMUNICATION:

My email address vkauodo@greenville.k12.sc.us . I will respond to your emails as quickly as possible. My telephone number is **864-355-8524**. This phone number will directly connect you to my voicemail. Please leave your name, message, and a phone number so I can address your needs when I am finished teaching.

Student Backpack is an essential tool for accessing grades. *Google Classroom* will be your greatest asset for staying up to date.

CLASSROOM EXPECTATIONS:

While in my classroom, I expect students to **work with urgency** while **treating each other with high levels of respect and compassion**. I will make every effort to ensure you have an 8th grade Math experience that encourages your love of mathematics and increases your ability to communicate using math vocabulary and problem solve effectively. This means that our classroom environment must be a safe place to wrestle with solving different problems in multiple ways. **Any behaviors that threaten this environment will be subject to Woodmont Middle School's discipline policy**. Please see the student handbook for additional information.

GRADING:

Major Assessments (Minimum 3) 50% Minor Assessments (Minimum 8) 50%

Major Assessments: Major assessments include tests or culminating products. Students will receive notice in advance and will go through the necessary teacher-directed study and preparation for any major assessment. Students, however, should also spend time preparing for major assessments at home.

- Students may request a retake/redo/revise for any major assessment at any time before the date of the next major assessment. The teacher will determine any remediation or other requirements necessary for the student to complete prior to retaking a major assessment. In addition to remediation/requirements, clearance of NHIs on minor assessments leading up to the major assessment may be required before the retake is allowed. All retakes must be completed at least 3 days before the end of the quarter. When a student retakes a major assessment, the original grade will be overwritten and the most recent grade recorded. The original grade will be noted as a comment in the gradebook.
- A student will receive an NHI (Not Handed In) in the grade book when he or she does not turn in an assessment.
- A student with one or more NHIs may be denied certain privileges or held accountable for the assignment(s) until the work has been completed and returned to the teacher.

Minor Assessments: Minor assessments will include homework, classwork, and skills-based quizzes.

- Students may turn in minor assessments without grade penalty for up to 7 days past the original due date. All current and late work must be submitted at least 3 days before the end of the quarter.
- A student will receive an NHI (Not Handed In) in the grade book when he or she does not turn in an assessment.
- A student with one or more NHIs may be denied certain privileges or held accountable for the assignment(s) until the work has been completed and returned to the teacher.

Make-up Work Policies: It is the responsibility of each student to inquire about make-up work upon returning from an absence. Students must also check google classroom for classwork and homework information for any days missed.

Woodmont Middle School makeup policy will be used.

<https://docs.google.com/document/d/1f7rFWKBTQS2tWuArTnVLG4aJjN36cePk/edit>

Redo/Retake/Revision Policies: The Woodmont Middle School retake/redo policy will be used.

<https://docs.google.com/document/d/1PuBiGoDu50hY9HCCw601Fbq9y9tZzjIM/edit>

Math 8 Course Overview:

Priority Learning Standards for Math 8:

- Understand congruence, similarity, and geometric transformations.
- Explore and analyze linear equations and functions.
- Build skills in solving multi-step equations and inequalities.
- Study relationships between angles, triangles, and the Pythagorean Theorem.
- Work with irrational numbers, exponents, and scientific notation.
- Learn to calculate volume and surface area of 3D shapes.
- Interpret data patterns and scatter plots to make predictions.

Course Scope and Sequence

Unit #	Unit Title & Dates	Duration (Days)	Focus & Highlights
1	Math is... Aug 11 - 13	3	Welcome unit to introduce math and build classroom culture. No specific standards covered.
2	Congruence and Similarity Aug 14 - Sept 16	23	Explore geometric transformations, congruence, and similarity of shapes.
3	Linear Relationships and Equations Sept 17 - Oct 17	20	Write, solve, and interpret linear equations and systems of equations.

4	Understand and Analyze Functions Oct 20 - Nov 14	20	Deepen understanding of functions using graphs, tables, and equations.
5	Patterns of Association Nov 17 - Dec 18	18	Analyze data patterns, scatter plots, and associations.
6	Angles, Triangles, and the Pythagorean Theorem Jan 6 - Feb 3	20	Study angle relationships, triangle properties, and apply the Pythagorean Theorem.
7	Volume Feb 4 - Feb 27	17	Calculate volume of cones, cylinders, spheres, and surface area of cylinders.
8	Not Applicable	0	No instructional days or standards covered.
9	Irrational Numbers, Exponents, and Scientific Notation Mar 2 - Apr 17	26	Classify real numbers, apply exponent rules, and work with scientific notation (not a state standard).
Test Prep	SCReady Testing Preparation Apr 13 - Testing	Approx. 18	Review key standards for state testing preparation.
10	Math is... (Wrap-Up) Post-testing until May 24	Approx. 8	Wrap-up activities to reinforce math skills and close out the year.