



8th Grade Mathematics 2021 - 2022

Teacher: Mrs. Powell

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The 2020-2021 is going to be an exciting year as we work together to sharpen our basic math skills and become better problem solvers. I want you to look at math with an open mind as we look at new concepts and grow in our understanding. This syllabus is provided to answer most of your questions about this class. The procedures mentioned are set in place to help the class run more smoothly and to enhance the learning environment.

Standards for Term 1:

NS.1: Know that numbers that are not rational are called irrational. Understand informally that every number has a decimal expansion; for rational numbers show that the decimal expansion repeats eventually, and convert a decimal expansion which repeats eventually into a rational number.

NS.2: Use rational approximations of irrational numbers to compare the size of irrational numbers, locate them approximately on a number line diagram, and estimate the value of expressions

EE.1: Know and apply the properties of integer exponents to generate equivalent numerical expressions.

EE.3: Use numbers expressed in the form of a single digit times an integer power of 10 to estimate very large or very small quantities, and to express how many times as much one is than the other

EE.4: Perform operations with numbers expressed in scientific notation, including problems where both decimal and scientific notation are used.

EE.7: Solve linear equations in one variable.

Tests and Grades

<p>Grading: A=90-100 B=80-89 C=70-79 D=65-69 F=below 65 I=incomplete Grading follows the policies of Biloxi Public Schools. A mid-term progress report and a report card following the end of each term are issued.</p>
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Tests: Four tests will be given this 9 weeks. Test 1 will cover standards NS.1&2. Test 2 will cover EE.1. Test 3 will cover EE.3&4, and Test 4 will cover EE.7.

Retesting: Reteaching/Retesting is allowed for one test per 9 weeks. You must attend the reteach session if you want to retest.

Grading: Activity grades are 55% of the total average. This consists of classwork (graded weekly), bellwork (graded every two weeks), quizzes, and IXL (graded once per test). Tests are 35% of the total average. Term tests (exams) are 10% of the total average.

Homework: Homework is not given every night. If you do have homework, it will be posted on the board. Normally work that is not finished during class will be homework.

Bellringers: Bellringers must be completed in the allotted amount of time each day at the beginning of class. If the bellringer is not completed, then it is the students responsibility to complete it at home before the next school day. Bellringers are designed as a review of

previous taught information and allows students another opportunity to ask questions and get additional help. Bellringers will be collected at the end of every other week for an activity grade.

Quizzes: Students will have a quiz between each test. Quizzes are not subject to the reteaching policy.

Math Notebook: All students are to keep a math notebook. This notebook should not be used for any other subject. The assignments need to be kept in chronological order by date and brought to class each day. Bellwork, classwork, and homework will be checked from this binder. Each assignment needs to be titled and dated at the top of the page. Students are required to show work at all times. At times, they will be asked to justify or explain their answers. Assignments will not receive full credit if work is not shown or explained.

Make-up work/Late work: Make-up work is the responsibility of the student. Daily assignments will be posted on the board as well as in google classroom. Late work will have 10 points deducted per day. Make-up work will start the deductions after you have been back in school for the same time as you were out. (Ex: you missed two days of school, so you have two days starting once you return to turn in your work for full credit. After those days will start the deductions.) All work must be turned in within 10 days of returning to school. Pre-announced assignments & tests will still be in effect unless arrangements are made with the teacher.

Classroom Expectations:

- Students are expected to use the restroom between classes.
- Students will remain seated unless given permission to get up by the teacher.
- Students are expected to have their calculator, pencil, and paper out before beginning the bellringer.
- Students will raise their hand before asking a question.
- Students are expected to listen quietly and attentively while others are speaking.

Classroom Consequences:

- Verbal warning
- Behavior essay
- Parent contact with agreed upon consequences
- Office Referral

Supply List:

TI30XIIS Calculator	Binder	Dividers	Folder with prongs
Pencils	Paper	Highlighters	Colored pencils
Ruler	Glue sticks	Kleenex (optional)	Hand Sanitizer (optional)