**8th Grade Math Syllabus**

**Course Title**: Math 8

**Teacher**: Mrs. Darla Paul

**Contact Info**: dpaul@helenaschools.org (406) 324-2786 Room 116 *Please reach out with any questions or concerns! Email is preferred.*

**Description**:

Eighth grade math covers a wide variety of topics. Students will explore linear equations, geometry, and functions to meet the Common Core Math Standards for eighth grade. This year, students will focus on:

* formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations,
* grasping the concept of a function and using functions to describe quantitative relationships, and
* analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

In order to master these concepts, students will often have the opportunity to work in a collaborative setting, but each student is individually accountable for understanding the concepts taught in class.

**Supplies**:

Each student will need the following supplies each day:

* **Charged** computer –checked out through CRA Library, or personal device that meets the requirements.
* Notebooks – composition-style, or spiral bound, used **only** for math work (one per semester)
* Binder paper and graph paper
* Folder or binder to keep returned work
* Pencils – mechanical or standard, with a personal sharpener or extra lead
* Pens, colored pencils, and highlighters
* Calculator – 4-function or scientific (**NOT on a phone**)
* Textbooks: *Linear Equations* (fall), and *Geometry* (spring)

o Textbooks can be accessed digitally by going to: [www.corefocusonmath.com](http://www.corefocusonmath.com/)

* Username: helena
* Password: math
* Optional supplies to donate for classroom use:
* Cleaning wipes
* Hand sanitizer
* Colorful dry erase markers
* Glue sticks
* AAA Batteries (for use with graphing calculators)
* Tissue

**Expectations**:

1. Attendance – 8th grade math is a fast-paced class. In order to be successful, students are expected to come to class ready to learn whenever possible. Students are personally responsible for getting the materials missed due to an absence. Many learning materials will be posted digitally through Microsoft Teams; however, students should reach out to their teacher or a classmate to verify that the classroom activities for the day match the posted plan before completing missed work. Along with consistent attendance, students are expected to be **on time** to class each day. That means students must be in their seat with their supplies ready when class starts. Habitual tardiness will be addressed with appropriate consequences.
2. Assessments – In order to promote mastery learning, students will have the opportunity to correct assessment tasks (tests and quizzes) to receive additional credit. Students will have one week from the day the assessment was returned to document their corrections to receive up to half of the missed points back. Students can retake major assessments by completing the “Request to Retest” form. Students will receive more details about corrections and retakes after the first assessment.
3. Homework – Math requires practice! Students should expect homework to be assigned each day.
4. Late Work – It is in a student’s best interest to complete all work on time. Late work will be accepted for partial credit within the unit of study. All work must be submitted by the unit test to receive credit!
5. Extra Credit – Occasionally, extra credit opportunities will be offered to students. These extra tasks will not significantly impact the overall course grade, but may benefit a student who is on the borderline between letter grades.

**Grading**:

Grades will be posted regularly on PowerSchool. Students are responsible for keeping returned work and checking their grades to verifying that the entered scores are correct. If a student finds an error, please immediately notify the teacher, and bring the return assignment so that mistake can be fixed.

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| Grades will be determined on a weighted scale with the categories shown below:    Assessments: 60%  Classwork/Homework: 40% | Final grades will follow the scale below:  **A**: 90 – 100%  **B**: 80 – 89%  **C**: 70 – 79%  **D**: 60 – 69%  **F**: Below 60% |

Students will learn the expectations and consequences of the classroom in the first week of school. Generally, these expectations are designed to allow all students to experience a safe and positive learning environment. Possible consequences for choosing to ignore expectations may include verbal warnings, phone calls or emails home, lunch or after school detentions, or referrals to the office.

I acknowledge that I have read and understand the expectations for Math 8 as detailed in this syllabus for the 2022 – 2023 school year.

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| Student Name: Student Signature:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Parent/Guardian Name: Parent/Guardian Signature:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Parent/Guardian Contact Information (*please place a star next to the preferred method of contact*)    Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |