**Algebra 8 Syllabus 2023-2024**

Mrs. Nicole Busby C.R. Anderson Middle School (Room 116)

406-324-2788 nbusby@helenaschools.org

**SUPPLIES:** Each student will need the following supplies each day:

Notebook – 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

Pens, colored pencils, and highlighters

Dry erase marker

**Charged** computer –checked out through CRA Library or personal device that meets the requirements.

Computer mouse

Earbuds/Headphones

Textbook: McGraw Hill’s Algebra 1 textbook

\*I have class sets of rulers and calculators, but you are welcome to bring your own. No need to buy a specific calculator for this class – you can always use the Desmos online calculator from home.

*Optional supplies to donate for classroom use:*

Cleaning wipes

Tissue

Hand sanitizer

Colorful dry erase markers

Glue sticks

**COURSE DESCRIPTION:** Algebra 1 is a challenging high school course that covers a wide variety of topics. Students who successfully meet the standards of this class will be eligible to receive high school credit. Over the course of the year, students will explore a variety of topics, including:

➢ Expressions, equations, and functions

➢ Solving, constructing, and graphing linear functions

➢ Systems of equations and inequalities

➢ Exponents, exponential growth and applications

➢ Polynomial, radical, and rational functions

➢ Graphing, solving, and factoring quadratics

➢ Probability and Statistics

**EXPECTATIONS**

**Attendance:** Students are expected to attend class whenever possible, including being in their seat ready to learn when class starts. When absent, it is the responsibility of the student to arrange to make up any missed activities. Many resources are available through Microsoft Teams; however, students should check in with Mrs. Busby or a classmate to verify that the posted plans match the classroom activities for that day. Students who will be absent for scheduled school-related activities must make arrangements in advance to turn in assignments and get homework. If a student is struggling with excessive absences or tardiness, a conference will be scheduled to determine how to best support the student’s needs.

**Assignments:** Math is a skill that needs practice! Expect homework daily. Homework assignments will typically be graded for both completion and accuracy. Students should expect a variety of learning tasks, including assignments from the textbook, printed or PDF worksheets, and digital tasks through online programs such as IXL. To encourage students to master the content, late work will be accepted for credit within the unit of study. Students will occasionally have the opportunity to work in a collaborative setting on assignments, but each student will be individually accountable for understanding the concepts addressed. Grades will be updated frequently on PowerSchool. Students are responsible for checking grades and keeping returned assignments to verify posted scores.

**Assessments:** To promote mastery learning, students will have the opportunity to correct quizzes and tests to demonstrate an understanding of the content and receive additional partial credit. Corrections are due one week after the graded item is returned to students. Retakes can be scheduled using the “Request to Retest” form. Expectations for corrections and retakes will be explained in detail after the first assessment.

**Academic Integrity:** Students are required to maintain academic honesty in all situations. This means that students are expected to turn in work that reflects their independent knowledge of the topic, unless specifically allowed to use additional resources/assistance. Students are expected to be honest about any self- or peer-graded scores. Appropriate consequences will be enforced for students who commit acts of academic dishonesty. Please see the student handbook for additional details.

**Technology/Cell Phones:** Students are expected to use technology when given permission and only as a learning tool. Students will bring their Chromebook/laptop CHARGED each day - it may or may not be used in class but you should always be prepared. Students will keep all communication appropriate and positive. Per school policy, phones should be OFF and put away from 8:05-2:50. If students have phones out during the school day, they will be taken.

**Daily Agenda:** A link to a PowerPoint with all daily agendas for each class can be found in Teams (the Daily Agenda tab in the General channel) and on Mrs. Busby’s webpage. This will include specific instructions for each day along with assignments to be completed.  Please check this frequently, especially if you are absent.

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

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| Grades will be determined on a weighted scale with the categories shown below: Practice (Classwork/Homework): 20% Quizzes (usually weekly): 30% End of Unit Tests/Projects: 50% | 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.

*\*If there are extenuating circumstances, please communicate with me (call or email) to set up a conference where we can discuss flexible solutions to help your student find success.*

I acknowledge that I have read and understand the expectations for Algebra 1 as detailed in this syllabus for the 2023 – 2024 school year.

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