HS Algebra I – 2022/2023

**Subject:** Algebra I

**Instructor Name:** Gerald Nichols

**Classroom:** J201

**Textbook:** Algebra I – Common Core Edition, McGraw Hill Education.

Students will have online access to the textbook and a variety of connected resources.

**Course expectations:**

Algebra is the foundation for subsequent courses in mathematics and science, expanding students’ problem-solving strategies and higher order thinking skills. The orderliness of God’s creation is emphasized through the processes developed in this course. Students will learn about linear, exponential, and quadratic relationships through equations, functions, inequalities, and systems. This will be accomplished through direct instruction, individual and group work, and corresponding homework. Students will be required to keep a dedicated plastic covered 70–100 page college-ruled notebook for daily notes.

**Materials:**

 Students will need to have these items:

• Shared binder space • Loose leaf paper

• Pencils • Scientific Calculator TI-30XIIS

• Plastic covered spiral notebook – 70 to 100 pages, college ruled

**Technology:**

All high school students are required to have a fully charged, fully functioning laptop in class each day. Cell phones and other tablets are not acceptable devices.

**Category weights determining grades:**

The quarter grade is determined by combining 50% test average, 30% quiz average and notes check, 20% assignments/homework average, classwork, participation, and preparation average.

TESTS AND QUIZZES: Tests and most quizzes will be announced in class and on Canvas in advance and listed on weekly FACTS assignments. Tests are given at the end of a chapter, at least three per quarter. Quizzes are given at least once per week. Vocabulary will be included on the tests and some quizzes. Up to date accurate and complete notes will be graded as Quiz.

ASSIGNMENTS/HOMEWORK will be assigned in class and in listed in Canvas. Students are expected to log in to Canvas daily. There will be a mixture of traditional written work and IXL/Khan Academy/etc. All written assignments/HW and some IXL require work to be shown and must be turned in on time to receive credit. Otherwise, you will be assigned a zero. There will be multiple assignments/HW per week.

CLASSWORK/PARTICIPATION/PREPARATION: Each student is required to create an interactive notebook which will contain notes and worked out examples. I will provide exactly what goes inside the notebook. The notebook will be graded for completeness up to four times per quarter. Successful students are prepared to learn and actively participate in class. Participation points will be taken away for actions that impede on classroom instruction time. This also includes completing bell work. Students choose their level of success in the classroom!

Syllabus Acknowledgement: HS Algebra I

Teacher: Gerald Nichols

This syllabus contains important information specific to this course. It is important for both parents and students to read and understand it. After reading, please complete the agreement below and return it to Mr. Nichols on or before Monday, August 15th for a 10-point assignment/HW grade.

Student name (PRINT):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I have read and agree to the rules and policies stated in the course syllabus:

Student signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_