

# HS Algebra I - 2023/2024

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**Subject:** Algebra I

**Instructor Name:** Gerald Nichols (gerald.nichols@sfcakings.org)

**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
- Graph 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 generally, every third week, at least three per quarter. Quizzes and note checks are usually given each per week for a total of five per quarter. Vocabulary will be included on the tests and some quizzes. Up to date accurate and complete notes will be graded as Quiz.

**ASSIGNMENTS/HOMEWORK:** Work will be assigned in class and 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 classroom instruction time. This also includes completing bell work. Students choose their level of success in the classroom!

## **Teacher's Expectations:**

Students must be ready to learn at the expected time. The following are my expectations of the students during class. Ten points will be awarded each day as a behavior/participation grade, failure

to meet these expectations will result in a subtraction of points. If the students fails to earn points for the day the consequence will be a warning, call home or detention.

- In your seat, with textbook, notes out, starting on BELL WORK within 2 minutes of the beginning of class.
- Be prepared with a notebook, PENCIL (sharpened) and calculator, computer fully charged.
- During instruction and practice time students are actively engaged by listening, taking notes, participating in discussion, etc.
- RAISE HANDS for questions and answers.
- SHOW YOUR WORK unless otherwise instructed.
- ALL MATH work to be done in PENCIL.

### **Standards as outlined in the student handbook.**

- It is expected that every student will conduct himself in an orderly, courteous manner at all times with prompt and respectful obedience to all school personnel, following all adult direction without comment. If a student questions a teacher's decision, he/she should speak to the teacher privately after class. At that time, he/she should respectfully explain the situation and wait for the teacher's response.
- It is expected that every student will respect the feelings and rights of others. This includes students, teachers and visitors.
- It is expected that every student will conduct himself in an honest manner, avoiding such actions as lying, stealing and cheating.
- It is expected that every student will be on time to each class and be prepared with a proper mental attitude and all their necessary materials, books and assigned work.
- It is expected that every student understands that the teacher's desk, computer, and other personal belongings and work area is personal property and will be treated as such.
- It is expected that every student will remain in compliance with the classroom teacher's rules, policies and procedures.

### **Discipline Procedures**

Minor student disruptions will be dealt with following the secondary 4-step discipline plan.

- The student will receive a verbal warning the first time.
- The student will receive a written warning the second time that will be sent home to the parents via FACTS and a conference may be requested.
- The teacher will assign a penalty to the student in the form of a detention, written assignment, or other discipline deemed appropriate if there is a third occurrence of discipline issues.
- The teacher will refer the student to the Administration if a fourth incident arises.

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## **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 14<sup>th</sup> 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: \_\_\_\_\_