

# HS Algebra 1 Honors– 2021/2022

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**Subject: Algebra 1**

**Instructor Name: Mrs. Dawn Fuhrman**

**Classroom: J207**

**Textbook:** Algebra 1 – 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 (if available) 70–100 page college-ruled notebook.

Honors students will be given more opportunities to master algebraic concepts and to apply the concepts to discovery and application projects and real-world multi-step problems. Each test will require honors students to show a more advanced ability to apply and problem solve the material. The student will need to commit more independent attention toward mastery of the content and enrichment material.

## **Materials**

Students will need to have these items:

- Dry erase markers
- Pencils
- Plastic covered spiral notebook – 70 to 100 pages, college ruled
- Shared binder space
- Scientific Calculator TI-30XIIS
- Highlighters (multiple colors)
- Loose leaf paper
- Sheet protector 'whiteboard'
- headphones

## **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, 10% assignments/homework average, and 10% classwork, participation, and preparation average. Projects will be given a grading category when assigned.

**TESTS AND QUIZZES:** Tests and most quizzes will be announced in class and on Canvas in advance and listed on weekly Renweb 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.

**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 written examples. I will provide exactly what goes inside the notebook. The notebook will be graded for completeness up to three 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 and participating in whiteboard practice. Students choose their level of success in the classroom!

### **Class expectations** (classroom rules/consequences)

Everyone should have the right to learn and enjoy school. To maintain a classroom environment which is conducive to effective learning, the following classroom expectations will be adhered to:

- Be on time and prepared to learn every day.
- Respect the teacher, the classroom, other students, and yourself.
- Be attentive by listening and following directions.
- Raise your hand for permission to speak or leave your seat.

### **Student Expectations**

- 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.

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.

### **Extra help**

Help is available Wednesday after school until 3:30pm. Contact me for arrangement of help before or after school Monday, Tuesday, or Thursday.

# Syllabus Acknowledgement : HS Algebra 1 Honors

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**Teacher: Mrs. Dawn Fuhrman**

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 Mrs. Fuhrman **on or before Monday, August 16<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: \_\_\_\_\_