Glenn Hills High School

Algebra I

Course Syllabus

***Mrs. Jackie Harris,* Instructor**

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**Welcome to the Hills..Home of the Spartans!**

Welcome to the 2022-2023 school year. I am Mrs. Jackie Harris and I look forward to teaching you this year. This is my seventh year teaching at Glenn Hills High School. For us to have a successful year, you should consider the following information.

**Course Description and Goals:**

This is the first in a sequence of mathematics courses designed to provide students with a rigorous program of study in algebra, geometry, and statistics and to prepare them for post-secondary work and education. It includes quantities and expressions, linear, quadratic and exponential functions, comparing and contrasting functions and describing data. Instruction and assessment will include the appropriate use of manipulatives and technology. Topics will be represented in multiple ways, such as concrete, pictorial, verbal, written, numeric, data-based, graphical, and symbolic methods. There will be an emphasis of applying these concepts in the context of the real world.

**Online Resources**: [www.georgiastandards.org](http://www.georgiastandards.org), rcboe.org, learnzillion.com, Khan Academy

 **Instruction**: A typical day of instruction will begin with an opener consisting of a few problems to check for prior understanding or to extend learning opportunities. Next, homework will be checked and projected with feedback provided. This will be followed by work and instruction which may include problem-solving, questioning, real-world connection tasks, and/or small group projects. A “ticket-out” problem or summarizing activity will often conclude the lesson. In general, learning cycle will involve Engage, Explore, Elaborate, Explain and Evaluate throughout the instruction.

**Course Outline:** The Algebra I is divided into several different units.

Unit 0: Think Like a Mathematician 12 days

Unit 1: Reasoning with Linear Equations and Inequalities 5 weeks

Assessment Enrichment Remediation /Pre-Unit Review Buffer Unit 1 3 days/ 4 days

Unit 2: Modeling and Analyzing Exponential Functions 5 weeks

Assessment Enrichment Remediation /Pre-Unit Review Buffer Unit 2 3 days/ 2 days

Unit 3: Relationship Between Quantities and Expressions 2.5 weeks

Assessment Enrichment Remediation /Pre-Unit Review Buffer Unit 3 3 days/ 2 days

Unit 4: Modeling and Analyzing Quadratic Functions 8 weeks

Assessment Enrichment Remediation /Pre-Unit Review Buffer Unit 4 3 days/ 3 days

Unit 5: Comparing and Contrasting Functions 3 weeks

Assessment Enrichment Remediation /Pre-Unit Review Buffer Unit 5 3 days/ 2 days

Unit 6: Describing Data 2 weeks

Algebra I Review – Show What You Know 3 weeks

**Materials**: You will need your computer DAILY, three-ring notebook, notebook paper, pencil/pen, and composition notebook.

**Homework**: Monday - Thursday. **(Anything not completed in class is HOMEWORK)**

**Assessment and Grading**:

Major (Assessments/Tests) 60%; Minor (Quizzes/Culminating Tasks) 40%

**Grading Scale**

 **A** = 100 – 90, **B** = 89 – 80, **C** = 79 – 75, **D** = 74 – 70, **F** = 69 – 0

 **Important Information:**

* **Help Sessions** will be offered weekly from 2:15pm – 2:55pm as needed.
* A **Quiz or Test** will be given **every week**
* Assignments and Infinite Campus final grades will be updated online weekly and as needed.
* I encourage you to sign up for PIV to view grades!
* **Students are encouraged not to miss class, however if a student is absent, they will have up to 5 days to make up any missed assignments.**
* **Student Responsibilities**
1. Be a S.T.A.R. (Student Taking Academic Responsibility).

YOU are responsible for your education! YOU determine your success or failure!

1. High expectations – ALL DAY, EVERY DAY!
2. Remain SEATED and PREPARED at all times.
3. Bring ALL materials to class DAILY (see required course materials section).
4. Every student is responsible for helping to maintain a clean, safe learning environment. Your area must remain CLEAN at all times. The floor should be clear of trash, paper, and personal belongings.
5. Adhere to all policies, rules, and regulations outlined in the student handbook.

**Parent Checklist:**

1. Periodically ask your child about for neatly completed assignments. Learning is a team effort.
2. Encourage development of good study skills, especially organization of time and materials.
3. Ask your child if he/she needs extra help. Tutoring is available and attend conferences for your child.
4. Remember: Math activities need extra practice time just like sports, dance, and music.
5. I have read this course syllabus and will support Ms. D. Walker in educating my child.

**Let’s work together so that we can have a successful year while increasing our math power!**

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Please detach and return

Student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (please print) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (signature)

Parent: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (please print) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (signature)

Contact Information: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (day phone) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (evening phone)

Email: