**Alexis Hayes**

Course Syllabus 2024-2025

**Algebra Concepts $ Connection**

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Welcome students and parents to the new 2024-2025 school year. My name is Ms. Hayes and I will be teaching Algebra . I am looking forward to this new school year with each of my students.

**Course Description and Objectives**

This course is designed to help students develop the ability to explore and solve mathematical problems, think critically, work cooperatively with others, and communicate mathematical ideas clearly with an open door policy for you to participate or observe at any time. Students will develop a strong emphasis in problem solving, critical thinking, and real-life applications of mathematical models. This course is designed to ensure career and college readiness.

**Course Outline**

The following topics will be taught in Algebra I. The order of the units was constructed by the Georgia Department of Education.

Algebra IA & IB

**Unit 0-**Think Like a Mathematician

**Unit 1-**Modeling Linear Functions

**Unit 2-** Analyzing Linear Inequalities

**Unit 3-** Investigating Rational and Irrational Numbers

**Unit 4-** Modeling and Analyzing Quadratic Functions

**Unit 5-** Modeling and Analyzing Exponential Expressions & Equations

**Unit 6-** Analyzing Exponential Functions

**Unit 7**-Investigating Data

**Unit 8** - Algebraic Connections to Geometric Concepts

**Unit 9** - Culminating Capstone Unit

**Assignments and Absences**

**Face to face**- Students will receive a variety of assignments designed to enhance their learning. If a student is absent, the student is responsible for the missed assignment. Students who have an excused absence will be allowed five days to turn in the missed assignment. No work will be accepted after five days. If a student is absent, he/she is responsible for getting their own make up work.

**Online-** Since work online will have a specified due date, assignments are due on that assigned due date. Late work will be penalized 10 points per each late day.

**Evaluation –**

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| **GRADING CATEGORIES** | **GRADE PROTOCOL** |
| **GRADING CATEGORIES PERCENT****Class Discussions, Assignments, Projects** **(online submission, graded)- 60%****Post Assessment/Unit Tests/ Projects** **(online submission, graded)- 40%****Total: 100 %****FINAL EXAM : 20% of FINAL GRADE PER SEMESTER**  | **A 90 – 100** **B 80 – 89** **C 75 – 79** **D 70 -74****F Below 70** |
| **COURSE EXPECTATIONS** | ***GRADING ANALYSIS*** |
| **Expectation GOAL: 75%**Course Promotion: 70% or Above\*\* | ***Distinguished Learner* 92%-100%*****Proficient Learner*  80%-91%*****Developing Learner* 68%-79%*****Beginning Learner* 0%-67%** |

**Expectations**

1. Respect yourself, peers and all adults.
2. High expectations ALL DAY, EVERY DAY!
3. Be prepared for class daily.
4. Every student is responsible for helping to maintain a clean, safe learning environment and to participate in daily math lessons.
5. Adhere to all policies, rules, and regulations outlined in the student handbook.
6. Use computer etiquette.

**Classroom Procedures & Expectations (Face to Face)**

1. Walk into the classroom quietly and take your seat.
2. If you are tardy, you must have a pass from the office.
3. If need be, sharpen your pencil or visit the wastebasket before class begins. This must be done within the first three minutes of coming to class.
4. As soon as you are seated, get out all materials needed for class.
5. During assessments you are to raise your hand if you have a question and I will come to you. Always bring a book to read after you finish your test because not everyone will finish the test at the same time.
6. During class work, raise your hand and I will come to you and if I am with another student, wait patiently and I will get to your question.
7. If you are absent, it is your responsibility to check with me to see which assignments you missed. **It is your responsibility to complete the assignments within five days.**
8. Do not stand up, pack your book bag, clear off your desk or leave the classroom until instructed to do so.
9. During a fire or tornado drill, remain calm and walk quietly to our designated areas.
10. During any announcements be quiet and listen until they are finished.

**Course Materials (Face to Face)**

1. Notebook Paper
2. 3-inch binder or 1-inch binders (2 quantity)
3. Composition Notebook
4. Dividers (7)
5. Pencils
6. Post it notes
7. Graph Paper
8. Colored pencils or markers
9. Highlighters
10. Sheet Protectors
11. Calculator: TI 84 (optional)

For Classroom (not mandatory)

* Tissue
* Hand Sanitizer
* Paper
* Pencils

**Assignments**

* 6 Unit Tests
* 4 Projects (35% of grade)
* Homework will be given 2+ times a week
* Assortment of quizzes and classwork

**Behavior Interventions**

* 1st time – Verbal warning/Conference with student about the misbehavior and its negative impact on their learning.
* 2nd time – Parental contact to discuss behavior and interventions.
* 3rd time – Conference with student and graduation coach, liaison, or counselor.
* 4th time – Referral to administration

**\*\* Any student who is a major disruption to classroom procedure will be referred immediately to their assistant principal.**

**\*\*\*The classroom is a safe environment where everyone, regardless of background and ideals, is free to empress himself/herself. If you or anyone else feels unsafe in the classroom, please notify your teacher right away so the situation can be remedied**

**Notification of Assignments/Updates**

Please visit the school website under Hughes website to see a Week at a Glance for assignments and HW for the week.

Grades for assignments will be posted within three days of the due date.

**TECHNOLOGY IN THE CLASSROOM**

It is the goal of the Mathematics department to have students learn to use and appreciate technology as a mathematical tool. Graphing calculators are powerful mathematical tools.  Through their use students can visualize problems more quickly, discover mathematical properties, and validate their work done with pencil and paper. Graphing calculators are not substitutes for students learning mathematical concepts and processes.  They are to be used to enhance student learning. I have a set of graphing calculators for students to use while in my classroom.  In order to ensure security, students will only be allowed to use one of my calculators on in-class quizzes and tests.

Bring your own technology (BYOT) allows students to have opportunities to learn mathematics using technology by bringing personal technology to school to use for instructional purposes only. Technology covers hand-held and other mobile equipment such as tablets, netbooks, notebooks, or other systems that can be used for word processing, Internet access, recording audio or video, and that may serve other purposes as deemed appropriate for a subject area by the teacher. The owner of the personal technology is responsible for the safe-keeping, storage, updating, charging and usage of the device. Laney High School is not liable for theft, loss, or damage. All users must follow the Richmond County Internet Acceptable Use Policy. Devices with other connectivity besides wireless (such as 3G or 4G) may only access the wireless network provided by RCSS.

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| **TECHNOLOGY POLICY** | **iPods, iPads, Tablets, Cell Phones, Smart Phones, MP3 Players, and all electronic devices.*** None of these items are to be used in class unless instructed to do so.
* No devices may be plugged in unless the device is needed for instruction.

***CONSEQUENCES: (3 STRIKE RULE)***Strike 1: Teacher Collection: Return at end of classStrike 2: Teacher Collection: Return at end of class**Strike 3: Administrator Collection** |

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| **EXTRA HELP** | **Online Resources*** IXL.com
* My.hrw.com
* USA Test Prep – [www.usatestprep.com](http://www.usatestprep.com);
* Khan Academy – [www.khanacademy.org](http://www.khanacademy.org)

**TUTORING****Tutoring times TBA****++Tutoring Schedule will be modified based on meetings (Faculty and Parent).*****It is the responsibility of the student to request additional help (I will need to be notified at least twenty- four hours before the student plans to stay)*** |
| **GRADE RECOVERY** | **The Recovery Policy is a provision for improving grades. This policy allows students to recover from a low or failing cumulative grade on ASSESSMENTS ONLY.** **Grade Recovery: Any student that has a grade below a 70 at the end of each grading period will receive a *Grade Recovery Contract*. Grade forgiveness will be used, whereby the original failing grade is replaced by the Grade Recovery grade for computing grade-point averages.** |

**Contact Information**

**Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Signing this acknowledges that I will strive for success.**

**Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent Contact Information (please print legibly below):**

* **E-mail address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Home phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Cell phone #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Work phone # and hours \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\*Please check the best way(s) to contact you.**

**Brag Letter (Parents…this is your opportunity to tell me anything about your child: good or bad)**

**Conferences**

**In order to schedule a conference with your teachers, please contact the Guidance Office** 706-823-6900**.**