

**Kalpana Katam**

Course Syllabus 2024-2025

**Algebra C&C**

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Welcome students and parents to the new 2024-2025 school year. My name is Ms. Katam

and I will be teaching Algebra Concepts and Connections. 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 strongly emphasize 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 C&C. The order of the units was constructed by the Georgia Department of Education.

**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-** Modelling and Analyzing Exponential Expressions and Equations

**Unit 6-** Analyzing Exponential Functions

**Unit 7**- Investigating Data

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

**Unit 9**- Culminating Capstone Unit

**Textbook**

HMH into MATH Algebra ( Red and Navy blue color book )

**Assignments and Absences**

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. If a student is absent, he/she is responsible for getting his or her makeup work.



**Evaluation (School-wide Grading Policy):**

* *Minor Grades* = 60% (quizzes, labs, and graded assignments to assess certain standards in a unit of study)
* *Major Grade*s = 40% (unit tests, essays, research papers, project-based assignments, and culminating assessments to measure mastery of standards that comprise a unit of study)
* *GMAS = 10% ( Final Exam )*

**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 the 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**

1. Notebook Paper
2. 3-inch binder or 1-inch binders
3. Composition Notebook
4. Dividers
5. Pencils
6. Post-it notes

1. Graph Paper

1. Colored pencils or markers
2. Highlighters
3. Sheet Protectors



**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 express 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 the Katam website to see Weekly modules and assignments.

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. DESMOS Scientific and 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. Students will only be allowed to use only Desmos Calculators in-class quizzes and tests.

Bring your technology (BYOT) allows students to have opportunities to learn mathematics using technology by bringing a Computer (Laptop) only. The owner of the personal technology is responsible for the safekeeping, 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.



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| **TECHNOLOGY POLICY** | **Cell Phones, Smart Watches, Headphones, iPods, iPads, Tablets, MP3 Players, etc., aren’t Permitted.**  **Strictly follow the Cell phone policy from the code of conduct.**  **Confiscated if used in the classroom.** |

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| **EXTRA HELP** | **Online Resources**   * ST Math in Launchpad * Canvas in Launchpad * PadLet in Launchpad * Blended learning in Launchpad * Delta math in Launchpad * IXL Learning in Launchpad * Albert io.com * Edulastic * Desmos in Launchpad * Quizizz.com in Launchpad * Nearpod in Launchpad   TUTORING  Tutoring times TBA  ++ The tutoring schedule will be modified based on the meetings (faculty and parents).  *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)* |
| **Mode of Communication** | **Remind App: Algebra C&C**  **Text @ ffk2f97 to the number 81010** |

**Conferences**

**To schedule a conference with your teachers, please contact the Guidance Office**

**at** 706-823-6900**.**