



Cross Creek High School Mathematics Department Geometry Syllabus 2019–20

Instructor: **Mr. Tracy** Email address: tracysc@boe.richmond.k12.ga.us
School Phone: **706-772-8140** Remind: Text code - **@mrtg313 to 81010**

Please note: I am unavailable from 8:35 to 9:45 Wednesdays through Fridays for planning and professional training.

Helpful websites: www.khanacademy.org www.purplemath.com www.mathisfun.com

Course Description: Algebra I is the first course in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications. The standards in the three-course high school sequence specify the mathematics that all students should study in order to be college and career ready. High school course content standards are listed by conceptual categories including Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Standards for Mathematical Practice provide the foundation for instruction and assessment.

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

Units of Study	Time Length (approximate)
Unit 1: Relationship between Quantities & Expressions	4 – 5 Weeks
Unit 2: Reasoning with Linear Equations & Inequalities	4 – 5 Weeks
Unit 3: Modeling & Analyzing Exponential Function	7 – 8 Weeks
Unit 4: Modeling & Analyzing Quadratic Functions	4 – 5 Weeks
Unit 5: Comparing and Contrasting Functions	3 – 4 Weeks
Unit 6: Describing Data	3 – 4 Weeks
GA Milestones Review and GA Milestones	3 Weeks
Unit 7: 10 th Grade Preview & Final Exams	2 Weeks

Required Course Materials: Every student is expected to have these items.

Pencils – Pencils – Pencils
Package of Dividers (8)

1" Three-ring binder
Notebook Paper

Scientific Calculator
Notecards

Behavior Expectations:

1. **Be responsible:** Bring a pencil, calculator, and your notebook to class every day.
2. **Be prepared** for class when the bell rings. This means your pencils are sharpened, and you have brought your textbook and notebook unless otherwise notified. This time is also to be used to copy and work on the work that will be on the board for you. Any student not in the classroom when the bell rings is considered tardy.
3. **Be courteous:** Remain in your desk during class. Throw all trash away before class begins. Walking around the room during class without permission is rude and disrespectful to both teacher and students.
4. **Be cooperative:** Pair work and Group work: You must participate when given pair work or group work. Give and ask for assistance. Be friendly and positive. Help each other.
5. **Be respectful** to all other students and the teacher. This means that you do not shout, use abusive language, or laugh at another individual in the room. Listen when someone else is talking.

6. **Be polite:** During class, do not (1) comb or brush your hair, (2) apply make-up, lotion, sprays, or nail polish.
*This rule applies for male and female students!
7. **Be smart:** Follow all school rules. If you don't break the rules, you will not have to worry about me enforcing the interventions.

Behavior Interventions

- Conference with student about the misbehavior and its negative impact on their learning
- Call parent to discuss behavior and interventions
- Conference with student and graduation coach, liaison, or counselor
- Contact/Refer to Assistant Principal
- ❖ Any student who is a **major disruption** in the classroom will be referred immediately to their Assistant Principal.

Parental Involvement:

1. Periodically check your child's notebook for completed assignments.
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 Monday, Tuesday, & Wednesday after school until 3:15 pm by the various educators in the mathematics department.
4. Need to have a Conference? Schedule those through Guidance at (706) 772-8140.
5. **Remember: Math needs daily practice, just like sports and music.**

Grading Policy:

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

If a student earns a quarter failing grade, an opportunity to recover the failing grade is possible.

Course Assessments:

Graded assignments will be entered in Infinite Campus no later than two weeks from the assignments due date. Selected assessments will be only be entered in the grade book but not returned to the students.

Summative Assessments

Formative Assessments

The following will be the grading percentages for Algebra I:

First Nine Weeks (Q1)	20%
Second Nine Weeks (Q2)	20%
Third Nine Weeks (Q3)	20%
Fourth Nine Weeks (Q4)	20%
End-of-Course Assessment	20% of the final average

Achievement Levels:

Student achievement levels will be discussed a lot in the class. The Achievement Levels are based on the Georgia Milestones Assessment levels. We will classify mastery and achievement with this scale to give students a better idea of where they are for the purposes of mastery.

Achievement Level	Name	Color	Description
1	Beginning Learners	Red	Beginning Learners do not yet demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students <i>need substantial academic support</i> to be prepared for the next grade level or course and to be on track for college and career readiness.
2	Developing Learners	Yellow	Developing Learners demonstrate partial proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students <i>need additional academic support</i> to ensure success in the next grade level or course and to be on track for college and career readiness.
3	Proficient Learners	Green	Proficient Learners demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students <i>are prepared</i> for the next grade level or course and are on track for college and career readiness.
4	Distinguished Learners	Blue	Distinguished Learners demonstrate advanced proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students <i>are well prepared</i> for the next grade level or course and are well prepared for college and career readiness.

Summative Assessments: Summative assessments will be given ONLY on Tuesdays, Wednesdays, or Thursdays. Summative Assessments includes classroom tests, cumulative assessments, and projects. I will let you know 3 days prior to the test to begin preparing for it. The following rubric will be used in order to grade constructed response problems:

Summative Assessment Constructed Response Rubric			
Score	2	1	0
Explanation	Students showed complete understanding of objective. No errors were made on the problem. Complete mastery was shown.	Students showed understanding of objective. Minor errors were made on the problem. Some mastery was shown.	Students did not show understanding of objective. Errors were made on the problem. No mastery was shown.

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Formative Assessments: Quizzes will be announced and unannounced as decided by the teacher. In class assignments will be completed in class and at home. We will also complete some assignments using OneDrive. Completing all practice assignments will be a necessity in order to survive this course. Do not get behind on assignments and seek help with those that are difficult to you. All assignments that are done in and out of class that are not tests or major projects will fall in this category.

Notebook/Interactive Notebooks: Notebooks should include warm ups, journal entries, vocabulary sheets, classwork, practice work, and assessments. Use a pencil! Assignments should be dated and labeled. Write the date assigned and problems assigned at the top of the page of your class practice and home practice. Keep your notebook organized

Missed Class: It is the responsibility of the student to arrange for makeup work. Makeup work from an absence MUST BE arranged within three days of the student's return to school. All tests and quizzes must be made up before, after school, or at lunch. It is the student's responsibility to schedule a makeup date and arrange transportation needs.

Late work: Late work is accepted for graded assignments for no penalty until the last week of the grading period. For any graded assignment that is not handed in or is incomplete, a student will receive no credit for the assignment and the assignment will be noted as "missing" in the grade book until the assignment is turned in to the teacher.

Retests/ Extra Credit: There are no extra credit assignments available for this class. Retakes will be available for both formative assessments and summative assessments. Students may retake an assessment if they meet the requirements: no missing work or incomplete assignments within the topic.

I am available after school on Wednesdays until 3:30 to provide help whenever possible. It is the responsibility of the student to request additional help (I will need to be notified by class time the day the student plans to stay). Parents or guardians: if there is any way I can be of assistance, please feel free to call the school at 706-772-8140 and leave a message. You may also e-mail me at tracysc@boe.richmond.ka.ga.us You may also access my webpage for important information through the school website, www.rcboe.org/cross.

