**A green and yellow logo

Description automatically generatedAlgebra: Concepts & Connections Syllabus**

**2025-2026**

**Instructor: S. Williams Email:** [**willish7@boe.richmond.k12.ga.us**](mailto:willish7@boe.richmond.k12.ga.us) **Rm: 414**

Room Number 418

**Course Description and Objectives:** This is the first course in a high school math series that builds on what students learned in middle school. In this class, students will strengthen their skills in algebra, geometry, and statistics. They’ll solve real-world problems using formulas, graphs, equations, and data.

Key topics include - Linear and nonlinear equations / Systems of inequalities / Geometry concepts like area, perimeter, distance, and slope / Quadratic and exponential functions / Data and statistical analysis

**Textbook:** HMH Into Algebra Georgia

**Unit/Concept Names:**

Unit 1 -Modelling Linear Functions

Unit 2-Analysing Linear Inequalities

Unit 3 -Investigating Rational and Irrational Numbers

Unit 4-Modelling and Analyzing Quadratic Functions

Unit 5-Modelling and Analyzing Exponential Expressions &Equations

Unit 6-Analyzing Exponential Functions

Unit 7-Investigating Data

Unit 8-Algebraic Connections to Geometric Concepts

**Course work/Classwork**

Students will receive a variety of assignments to support learning and growth. All work should be completed and submitted on time, even after an absence—students are responsible for making up missed work.

Timely submission shows responsibility and helps students stay on track academically. Late work may affect a student’s understanding and grade.

**Important:** When an assignment requires original work, students **may not use Artificial Intelligence (AI)** to complete it. AI should not replace the student’s thinking or effort. Using AI inappropriately is considered academic dishonesty.

Academic Dishonesty and can be punished according to the rules outlined in the Code of Conduct.

*See RCBOE IHA-R Grading Practices*

**Late Work (Grading Policy- See RCBOE IHA-R Grading Practices)**

Students may have their scores reduced by 5% per school day for a 25% maximum reduction (five school days). ***Late work submitted after the fifth school day will only be accepted at the teacher’s discretion.***

**Make-Up Work (Grading Policy)**

Students are expected to make-up assignments and assessments that were missed due to absence from

school. Students are responsible for asking teachers for the make-up work upon returning to class.

Make-up work should be completed by the student within the time specified by the teacher **[5 days].**

**Evaluation (Grading Policy)**

* Minor Grades = 60% (Class work, Graded Writing Assignments, Group Work, etc.)
* Major Grades = 40% (Unit & Chapter Test, Quizzes, Projects, Tasks)

**Classroom Procedures & Expectations**

Every student is responsible for helping to maintain a clean, safe learning environment. Your area must always remain CLEAN. The floor should be clear of trash, paper, and personal belongings. **NO eating or drinking is allowed in this classroom unless verbal permission is given by classroom teacher; this expectation is expected when teacher is not in classroom.** Adhere to all policies, rules, and regulations outlined in the student handbook.

\*\*\*\*\***Absolutely No cellphones (students must put away cell phones before entering classroom). Headphones, earbuds, apple watches being turned on is not permitted in the classroom.**

* BE READY

Come prepared for class when the bell stops ringing. This means have the materials needed for class, have the “I can do it” attitude, be ready to do your best, and be ready to begin the day’s work.  Materials you will need to bring to class include textbook, notebook, assignments, and appropriate writing instruments (pencil). (If the student is not sitting in a desk and working on warm-up when the bell rings, THEY WILL BE MARKED TARDY!)

* BE RESPECTFUL to yourself, teacher, classmates, and classroom.
* BE RESPONSIBLE FOR YOUR attitude, body language, grade, decisions, personal items, laptop.

**Course Materials**

* inch binder (only can be used for math)
* 2 Pencils
* Loose Leaf Paper (Wide Rule Preferred)
* Coloring Utensils (coloring pencil, or markers)
* One pack of graphing paper

**My contact information:**

Email: willish7@boe.richmond.k12.ga.us

**To sign up for class reminders, please visit:**  
Teacher Class page. Look your period remind code (The period you are looking for is the period you take Ms. Williams)

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**(This last page should be signed and returned to teacher by 8/11/25)**

**Student Contract:** I understand that all work should be completed on time. I understand that my teacher may deduct five points per day and communicate this in my Infinite Campus gradebook. I also understand that work turned in after the learning has occurred may not be graded (no more than 5 school days from the due date). I understand that using Artificial Intelligence to complete assignments where I am asked to produce original work will be considered Academic Dishonesty.

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_

**Parent Contract:** I understand that my child is expected to complete assignments on time. I will remain in communication with my child’s teacher and monitor missing and late work as noted in Infinite Campus Parent Portal. If my child continues to submit work late, I understand that a parent-teacher conference will be needed to co-develop a plan of action. I understand that my child should not use Artificial Intelligence to complete assignments where students are asked to produce original work.

Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_