**Enhanced Algebra
8th Grade**

**Ms. Irwin, Ed. S.**

**Course Syllabus 2025-2026**

**Course Description and Objectives**

In Enhanced Algebra: Concepts & Connections, instructional time will regularly incorporate the 8 Mathematical Practices, the Framework for Statistical Reasoning, and the Mathematical Modeling Framework through six big ideas of content: (1) mathematical modeling, (2) numerical reasoning, (3) functional & graphical reasoning, (4) patterning and algebraic reasoning, (5) data and statistical reasoning, and (6) geometric and spatial reasoning. In this course, students will create, interpret, solve, and graph linear equations and inequalities in one variable and non-linear (quadratic and exponential) equations and functions. Students will interpret quadratic and exponential expressions. Students will continue to enhance their algebraic reasoning skills when analyzing and applying a deep understanding of systems of linear inequalities and sums and products of rational and irrational numbers. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving distance, midpoint, slope, area, perimeter, and statistical reasoning.

**\*\*Algebra students are responsible for taking *both* the 8th-grade Mathematics Georgia Milestones Assessment as well as the End of Course (EOC) for Algebra.\*\***

**Textbook**

HMH Into Algebra 1

**Unit/Concept Names**

Unit 1: Modeling Linear Relationships and Functions

 Unit 2: Analyzing Systems of Linear Equations and Inequalities

 Unit 3: Investigating Rational and Irrational Numbers

 Unit 4: Modeling and Analyzing Quadratic Functions

 Unit 5: Modeling and Analyzing Exponential Expressions, Equations, and Functions

 Unit 6: Investigating Data and Statistical Reasoning

 Unit 7: Algebraic Connections to Geometric Concepts

 Unit 8: Culminating Capstone Unit Review of all Priority Standards

**Richmond County Board of Education Grading Policy**

* Minor Grades 60% (i.e., quizzes, Flocabulary, DeltaMath, take-home quiz, &/or Discussions)
	+ **Minimum number** of minor grades per 6-week progress report period = **5**
* Major Grades 40% (Unit Tests &/or Projects)
	+ **Minimum number** of major grades per 6-week progress report period = **2**
* **The Algebra End of Course (EOC) test counts as 10% of the student’s final grade.**

**Academic Grading Scale**

 A (90-100) B (80-89) C (75-79) D (70-74) F (below 70)

* Parents are encouraged to monitor their child’s grades using the district's Infinite Campus Parent Portal.
* Please contact the front office at 706-737-7288 for information to gain access to Infinite Campus.

\*\*\****Students who are not meeting passing requirements at the time of the 2nd progress reports (October) will be removed from Algebra and placed in the Math 8 class\*\*\****

**Academic Dishonesty**

The Student Code of Conduct, Rule 1(A)(t), states that no student shall cheat, alter records, plagiarize, receive unauthorized assistance, or assist another in any type of academic dishonesty. The determination that a student has engaged in academic dishonesty will be based on the judgment of the classroom teacher and a supervising administrator, taking into consideration any written materials, observation, or information from witnesses. Students found to have engaged in academic dishonesty will be subject to disciplinary actions as outlined in the Student Code of Conduct. Additionally, the task may be entered as “incomplete” and the student required to redo the assignment or retake the assessment.

**Late Work**

Late work is defined as assignments that are submitted after the specified deadline. This does not apply to work submitted late due to absence from school. Students are expected to submit assignments on time. Multiple incidents of late work may result in teacher-student-parent conferences to examine and correct the student’s work habits. 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**

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. Teachers should provide reasonable timelines for completing make-up work. Generally, such work should be completed within 5 days of returning to school. A student should not be required to take a quiz or test on their first day back at school if the assessment was first announced during their absence. Graded assignments should be scored to accurately reflect the level of mastery of standards.

**Homework**

Enhanced Algebra students may complete optional practice assignments for homework. This practice is meant to support student learning of new concepts and skills. Answer keys will be provided so that students can check their understanding. Occasionally, Enhanced Algebra students will be expected to watch short videos and complete notes to go along with them. This is meant to preview students to new concepts before they practice them in the classroom.

Students are expected to complete these notes when assigned. While homework is not graded, students are strongly encouraged to complete it regularly to reinforce learning. Parents will be informed if their child consistently chooses not to complete homework assignments.

**Relearn & Reassess (R&R Procedures)**

Students have the opportunity to submit a relearning plan for any **major assessment**. Upon satisfactory completion of the plan, a student will be given an opportunity to be reassessed. Students scoring below 70 on a major assessment are expected to complete a relearning plan prior to completing the reassessment.

Teachers have the discretion to determine if R&R opportunities will be given for any **minor assessment**.

**AI Guidance**The Student Code of Conduct, Rule 1(A)(t), states that no student shall cheat, alter records, plagiarize, receive unauthorized assistance, or assist another in any type of academic dishonesty. The unauthorized or improper use of an artificial intelligence (AI) program constitutes academic dishonesty.

**Cell phones are not permitted in class, per school policy, and should not be seen or heard.** Students should turn cell phones off and place them in their bookbags.

- First offense will receive an explicit verbal warning and parent contact.

- Further offenses will result in phone confiscation, requiring pick up by a parent at the specific time designated by the school as well as possible further administrative discipline.
Please refer to the Code of Conduct for specific and detailed cell phone policy details.

**Classroom Procedures & Expectations**

Classroom Procedures & Expectations Students are expected to arrive on time, come prepared with necessary materials, and begin the warm-up activity promptly. Respectful behavior, active participation, and a positive attitude are essential for a productive learning environment. Students should follow directions the first time given, stay on task, and take responsibility for their work. Classroom routines, including turning in assignments, transitioning between activities, and requesting help, will be taught and consistently followed.

To maintain a respectful and focused learning environment, the following steps will be taken when addressing minor inappropriate behavior:
Step 1: Verbal warning
Step 2: Parent contact
Step 3: Referral to administration

All major behavior infractions will be reported to the school administration immediately. Positive behavior will be encouraged and reinforced consistently.

**Course Materials**

* Lined Paper - 1 or 1 ½ in binder
* Dividers - Colored Pencils (for notes)
* Pencils -Earbuds or Headphones (plug-in)
* Page protectors and reinforcement rings (optional)

**Please refer to the Student Code of Conduct for further guidance on Richmond County School System’s policies and procedures.**

**My contact information: Email:** irwinta@boe.richmond.k12.ga.us

**Remind101: Class Code: @irwin-alg8
Text class code to 81010 or join through the website/app**

**Tutt Middle School Phone Number:** 706-737-7288

 

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Please sign and return this portion of the syllabus to affirm that you have reviewed this document:

Student’s Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian’s Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_

Parent Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_