**Enhanced Algebra  
8th Grade**

**Ms. Irwin**

**Course Syllabus 2024-2025**

**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 System 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, IXL 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 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 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**

Student's homework will primarily consist of week-long DeltaMath or IXL assignments OR any classwork that was not completed during class time. All homework assignments will be reviewed for the student's benefit. Homework is extra practice to help students master the standards.

**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** and other electronic communication devices and/or accessories are **prohibited** for **all students** at **all times** during the instructional day.

* First offense- Device will be confiscated, to be picked up by the student or parent at the end of the school day.
* Second offense- Device will be confiscated to be picked up by the parent on the Friday following confiscation, at the specific time designated by the school.

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* Third offense- Device will be confiscated to be picked up by the parent on the Friday following confiscation, at the specific time designated by the school *and* the student will serve one day of In-School Suspension (ISS).
* Fourth offense- Device will be confiscated for ten (10) school days, and the parent must schedule a conference with an administrator to retrieve the device. The student will serve three days of In-School Suspension (ISS)   
  Further offenses will result in the student losing the privilege of bringing devices on campus, In-School Suspension, Out of School Suspension, and any other forms of discipline deemed appropriate under the circumstances.

**Classroom Procedures & Expectations**

The overarching expectation in this class is RESPECT: respect for yourself, respect for other students, respect for the teacher/or any individual in authority, and respect for any guests that may enter our class. Although this encompasses all other expectations, I will outline several others for the sake of clarity.

1. Always Try YOUR BEST!!! I will not settle for anything but your best!!

2. Have the “I can do it” attitude! Stick To It and Don’t Give Up!

3. Remain SEATED and PREPARED at all times.

4. Bring ALL materials to class DAILY.

5. Every student is responsible for helping to maintain a clean, safe learning environment. Your area must remain CLEAN at all times. The floor should be clear of trash, paper, and personal belongings.

6. Adhere to all policies, rules, and regulations outlined in the student handbook, and John M. Tutt Middle School’s Norms.

**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](mailto:irwinta@boe.richmond.k12.ga.us)

**Remind101: Class Code: @msirwin8  
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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_