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Description automatically generated**Enhanced Algebra**

An excellent mathematics program requires effective teaching that engages students in meaningful learning through individual and collaborative experiences that promote each student’s ability to make sense of mathematical ideas and reason mathematically.

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**Course Overview *– Can be found here*** [***Course Overview***](https://lor2.gadoe.org/gadoe/file/4e87cb2f-feb5-47ce-8a4d-46cf6a074f88/1/Enhanced-Algebra-Comprehensive-Course-Overview.pdf)

This course is for Middle School Students Interested in Pursuing Accelerated Mathematics and Earning High School Mathematics Credit. This course awards 1 High School Carnegie Unit for Algebra: Concepts & Connections.

**Units to be taught:**

|  |  |  |
| --- | --- | --- |
| Unit 1 | Modeling Linear Relationships & Functions | 6 Weeks |
| Unit 2 | Analyzing Systems of Linear Equations and Inequalities | 4 Weeks |
| Unit 3 | Investigating Rational and Irrational Numbers | 3 Weeks |
| Unit 4 | Modeling and Analyzing Quadratic Functions | 6 Weeks |
| Unit 5 | Modeling and Analyzing Exponential Expressions, Equations, and Functions | 6 Weeks |
| Unit 6 | Investigating Data and Statistical Reasoning | 4 Weeks |
| Unit 7 | Algebraic Connections to Geometric Concepts | 4 Weeks |
| Unit 8 | Culminating Capstone Unit | 2 Weeks |

**ONLINE LEARNING TOOLS**

* Launchpad is our single sign on platform. All the apps/webtools that students will access throughout the school year, in all their courses, can be found here. You may also download the Classlink app to your device to access Launchpad from your phone or tablet.
* Our learning management system, Canvas, can be found in each student's Launchpad. The courses they are registered for will be displayed on the Dashboard in Canvas. Click on each course to find announcements, assignments, and all online instruction. You may also download the Canvas app for parents and the Canvas app for students to your cell phone or tablet.
* Georgia Science App is where the textbook can be accessed
* IReady, IXL, Prodigy, Desmos, Delta Math

**Materials List**

* Fully charged lap top, Pencil, Paper
* 1 Composition notebook
* Coloring utensils
* Highlighter
* Ink pen

**Grading Policy**

Middle performance will be recorded and reported in all courses by numerical grades, based on a 100-point scale. Calculation of Final Grades Final grades will be determined by the cumulative semester average using the following criteria:

* **Minor Grades** = 60% Quizzes, IXl and My Path Iready lessons (2 per week)
* **Major Grades** = 40% Unit tests and Teacher assigned Iready,

**Late/Missing Assignments:** Only assignments turned in on time will receive full credit. Multiple incidents of late work may result in teacher-student-parent conferences to examine and correct the student’s work habits through an academic contract.

**Relearn/Reassess**

Students who perform below 70% on a major assignment will be given the opportunity to relearn and reassess to show improvement in their mastery of the standard.

Students will submit a Relearning Plan as part of this process. This plan should include:

* Analysis of their errors or misconceptions on the previous major assignment.
* Complete assignments provided to relearn the content for mastery. Students may also attend a tutoring session.
* Complete and turn in any missing assignments.
* Commit to date(s) and time(s) to redo the assignment or retake the assessment.
* Share the plan with their parent and teacher for approval and signatures.

Upon satisfactory completion of the plan, as determined by the teacher, student should be given a minimum of one opportunity to be reassessed.

**Student Expectations**

* Punctuality: Arrive on time and prepared for class.
* Engagement: Stay focused and actively participate in lessons.
* Growth Mindset: Embrace challenges as opportunities to learn and improve.
* Collaboration: Work together respectfully and contribute to group activities.
* Organization: Maintain neat and thorough work.
* Reflection: Share thoughtful insights that inspire discussion and learning.

**Behavior Management**

When Improvements are needs the following steps will be followed:

Step 1 Student warning

Step 2 Student warning and parent phone call

Step 3 Parent phone call and detention

Step 4 Parent conference and detention

Last Step Office referral