

Enhanced Algebra: Concepts & Connections



Enhanced Algebra: Concepts & Connections is the first high school mathematics course offered in middle school. Students taking this course will take all of 8th grade and all of Algebra: Concepts & connections. They will have to take both milestones.

When will my student take Enhanced Algebra: Concepts & Connections?

Enhanced Algebra: Concepts & Connections is taught in the 8th grade in the Barrow County School System. The pre-requisite for this course is successful completion of 7th grade mathematics. Students typically move to Geometry: Concepts & Connections after completing this course.

What do students learn?

Students will apply their algebraic and geometric reasoning skills to make sense of problems involving algebra, geometry, bivariate data, and statistics.

Click here for access to the Georgia K-12 Math Standards:

[8th Grade Mathematics Standards](#)

[Algebra: Concepts & Connections Standards](#)

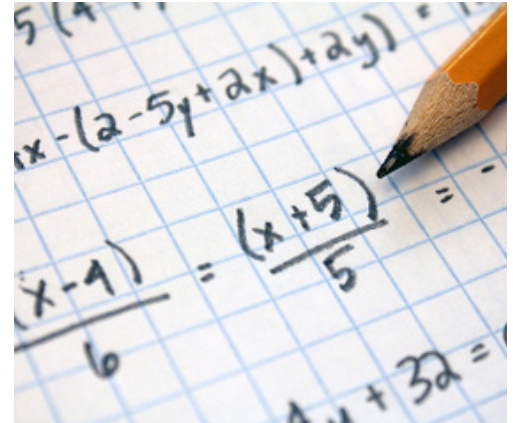
The Barrow County School system uses an Algebra curriculum developed by [Open Up Resources](#), which is also used for mathematics in the middle grades.

The Open Up High School Mathematics pathway helps students learn by building connections between conceptual understanding, mathematical representations and modeling, and abstract thinking.

How can I help my student?

The Georgia End of Course Milestone for Algebra: Concepts & Connections counts as **20% of your student's final course average**. There are several ways that you can assist your student to be successful in Enhanced Algebra: Concepts & Connections:

- Encourage your student to attend school each day so that there are no interruptions in the learning process.
- Encourage your student to ask questions before, during, and after class.
- Provide a quiet study area for your student that is free of distractions such as cell phones, televisions, and other electronic devices.
- Encourage your student to reach out to their teacher for extra tutoring or help.



Enhanced Algebra Resources

Teacher as a Resource

Your student's teacher likely has opportunities for tutoring and additional help. Encourage your student to reach out to the teacher to see what opportunities are available.

Check the course syllabus for any resources that your student's teacher recommends.

Other Online Resources

[Khan Academy Algebra I Course](#)

[Khan Academy 8th Grade Course](#)