

Advanced Algebra: Concepts & Connections

Advanced Algebra: Concepts & Connections is the third course in a sequence of three required high school courses designed to ensure career and college readiness.



When will my student take

Advanced Algebra: Concepts & Connections?

Advanced Algebra: Concepts & Connections is typically taught in the 11th grade in the Barrow County School System. The pre-requisite for this course is successful completion of Algebra: Concepts & Connections & Geometry: Concept & Connections. Students typically move to their chosen 4th math after completing this course.

What do students learn?

In this course students will continue to enhance their data and statistical reasoning skills as they learn specific ways to collect, critique, analyze, and interpret data.

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

[Advanced Algebra: Concepts & Connections Standards](#)

Click here for access to the BCSS Curriculum Map:

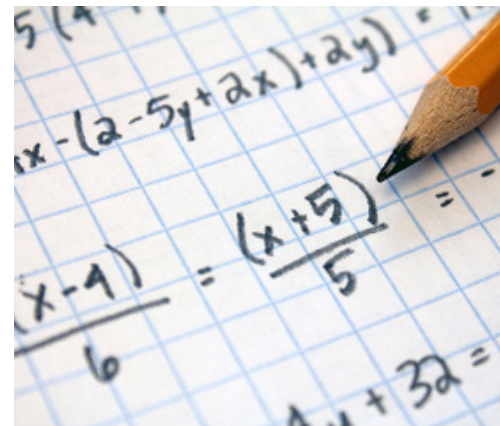
[BCSS Advanced Algebra: Concepts & Connections Curriculum Map](#)

The Barrow County School system uses an Advanced Algebra curriculum developed by [Open Up Resources](#), which is also used for mathematics in the middle grades. The Open Up High School Mathematics pathwY helps students learn by building connections between conceptual understanding, mathematical representations and modeling, and abstract thinking.

How can I help my student?

There are several ways that you can assist your student to be successful in Advanced 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.



Advanced 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 Advanced Algebra Course](#)