

ENHANCED ALGEBRA: CONCEPTS & CONNECTIONS



Welcome to Eighth Grade! Our goal is to help you understand the mathematics your child will be learning this year. This letter will help you better understand the mathematics expectations for 8th Grade and the supporting resources to provide ideas of how to work with your child at home throughout the school year. For additional support and questions, please contact your child's teacher at their school.

In Enhanced Algebra: Concepts & Connections is a course for students interested in earning high school mathematics credit while in middle school. Students will study a blend of Grade 8 topics and high school Algebra: Concepts and Connections standards. Your child may earn high school credit by completing this course. The mathematical practice standard, **A.MP**, will allow your child to demonstrate skills and strategies needed to succeed in the course, including critical thinking, reasoning, effective collaboration and expression. Your child will also be expected to seek help and to apply feedback while setting and monitoring individual goals. Learning to solve meaningful problems successfully will be a goal for this course.

RESOURCES

ENHANCED ALGEBRA: CONCEPTS & CONNECTIONS CURRICULUM RESOURCES

[Curriculum Map](#)

[Comprehensive Course Overview](#)

[K-12 Mathematics Learning Progressions](#)

[K-12 Mathematics Glossary](#)

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How will your child engage when learning mathematics?

<u>Positive Mathematical Mindsets</u>	<u>Mathematical Practices</u>
<p>Fostering positive mathematical mindsets is essential to support your child's mathematical growth and development.</p>	<p>Mathematical practices are the habits of mind for learners to demonstrate as they are engaging in exploring the mathematics content.</p>
<u>Mathematical Modeling</u>	<u>Statistical Reasoning</u>
<p>Students will be expected to engage in the cycle for Mathematical Modeling in all learning tasks and activities to support student engagement at the highest level.</p>	<p>Students will be expected to engage in the four-part statistical problem-solving process K-12 by asking statistical questions, collecting data, analyzing data, and interpreting the results.</p>

Scan the QR code for more information and access to all links within this document.



Getting to know your child's teacher is important and communication with them throughout the year will support your child's individual growth while learning mathematics. The resource links below are provided to help support learning at home as you engage your child in meaningful work while they are learning mathematics. If at any time you have additional questions or need to request additional support, please reach out to your child's teacher.



Parent Resources

GEORGIA MILESTONES



STANDARDS DOCUMENT



PARENT VIDEO SERIES



DIGITAL LEARNING PLANS



BEDTIME MATH STORIES



GEORGIA NUMERACY PROJECT TASKS & ACTIVITIES

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