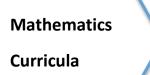


## **A+ College Ready Mathematics**

The A+ College Ready Mathematics Curricula are written by Alabama teachers, for Alabama teachers, with Alabama students in mind!

## **A+ CR Common Curricular Elements**

Alignment to Alabama Courses of Study or AP Course Descriptions
Engaging, student-centered learning
Rigorous grade-level materials with high expectations for ALL STUDENTS
High-leverage, research based pedagogical practices for instructional implementation



Designed to build understanding of mathematical concepts rather than rote memorization through:

- mathematical application
- mathematical modeling
- using & connecting multiple representations
- mathematical reasoning

## The A+ College Ready Mathematics Curricula are:

- Intentionally designed so that all standards are fully taught in the year
  - All students deserve the opportunity to master grade-level standards.
- Written so that the content builds upon itself and previously learned content
  - of the standards are taught at the same level of rigor and that important content is not omitted or taught prior to prerequisites being taught.
- Designed to be used as Tier 1 instruction
  - Teachers must continue to differentiate, extend, or provide extra practice, as needed, to meet the needs of all students in their class.
- Housed in Canvas for the teacher's use
- Always under some level of revision as we strive to be responsive to the needs of the students and teachers we serve



## **A+ College Ready Mathematics**

Components of the Curriculum		
Course Documents	Unit Documents	Lesson Documents
Course Overview  List of nine-weeks units with pacing  Standards Checklist	Unit Overview (new in 2024)  • Unit description  • Unit standards  • Unit resources	Scope & Sequence (will be Lesson Plan in Summer 2025)  • Unit Note - overview of unit themes  • Standards aligned to 2019 ACOS  • Teacher Notes  • Prerequisites  • Activities/resources  • Presentation Strategies
Scope & Sequence (formerly called Big Picture)  • Calendar view of lesson sequence and pacing	<ul> <li>Unit Summary Page</li> <li>Unit goals/big ideas</li> <li>Standards, essential questions, enduring understandings, skills, and knowledge</li> </ul>	Teacher Pages  ● Answer keys/teacher notes
	<ul> <li>Unit Overview (will change in 2025)</li> <li>Vocabulary</li> <li>Concept checklists - learning targets and lesson pacing</li> <li>Simplified proficiency scale for student self-assessment</li> </ul>	Student Pages • Lessons/activities
	Unit Proficiency Scale  • Includes all unit standards	Five in Fives (middle school only)  • Problem sets for use four days a week  • Aligned to lessons/pacing  • Address prerequisite skills  • Provide a spiral review of concepts
	<ul> <li>Unit Assessments</li> <li>Multiple choice and free responses questions</li> <li>Aligned to the lessons/standards</li> </ul>	