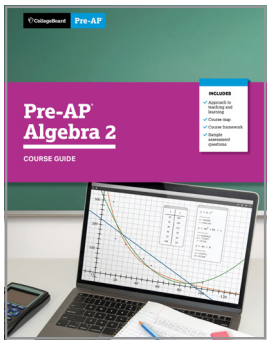
CollegeBoard Pre-AP®

Pre-AP Algebra 2 and Alabama Course of Study: Mathematics Alignment Summary

Pre-AP courses focus deeply on a limited number of concepts and skills with the broadest relevance for high school coursework and college and career success. The course framework serves as the foundation of the course and defines these prioritized concepts and skills.

When teaching a Pre-AP course, teachers have purposeful time and space to bring their own voice and lessons into each unit to best meet the needs of their students and address the full range of state standards. This alignment summary demonstrates the deep connections between the Pre-AP Algebra 2 Course Framework and the Alabama Course of Study: Mathematics for Algebra 2 with Statistics to support teachers and schools in their planning. Along with the corresponding standards crosswalk, teachers and schools can use this alignment summary when planning and preparing to implement Pre-AP Algebra 2.



Alignment at a Glance: Very Strong

Alabama Course of Study: Mathematics:

- **Algebra and Functions**
- **Geometry and Measurement**

Discipline Highlights

- Overall, the alignment between the Pre-AP Algebra 2 Course Framework and the Alabama Course of Study: Mathematics is very strong.
- In all four content areas of the Alabama Course of Study: Mathematics, the majority of the Algebra 2 with Statistics standards are addressed in full or in part by the Pre-AP Algebra 2 Course Framework.
- The deepest alignments are in the content areas of Algebra and Functions and Geometry and Measurement.

= Very strong alignment

= Partial alignment

Alignment between the Pre-AP Algebra 2 Course Framework and the Alabama Course of Study: Mathematics is described as *very strong* or *partial*. A *very strong* alignment is one in which the majority of standards are addressed by the mapped Pre-AP Learning Objectives (LOs). A *partial* alignment is one in which the standards are partially addressed by the corresponding Pre-AP Learning Objectives. Partial alignment can occur when one framework includes greater specificity or extends beyond the scope of the other framework. Given the focused nature of the Pre-AP course framework, some partial alignments are to be expected.

Alignment at a Glance: Partial

Alabama Course of Study: Mathematics:

- **Number and Quantity**
- **Data Analysis, Statistics, and Probability**

Discipline Highlights

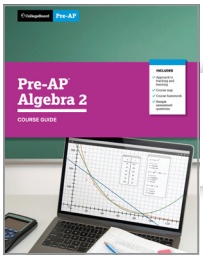
While the overall alignment between the Alabama Course of Study: Mathematics and the Pre-AP Algebra 2 Course Framework is very strong, there are a few areas of partial alignment due to differences in the level of specificity in certain areas.

The Pre-AP Algebra 2 Course Framework has a more intentionally narrow focus on a prioritized set of concepts than the Alabama Course of Study: Mathematics does. For example, the standard in the Algebra and Functions content area referring to factoring polynomials and using the factored form to describe function behavior is a partial alignment. This is because the process of factoring a polynomial is addressed in Pre-AP Algebra 1, but the use of the factored form of the function to analyze and describe function behavior is a focus for Pre-AP Algebra 2.

Though not fully addressed in Pre-AP Algebra 2, all competencies in the content area of Data Analysis, Statistics, and Probability are covered in depth in Pre-AP Geometry with Statistics.

Summary

Beyond alignments to the course framework, it is also important for educators to turn to the Pre-AP Shared Principles and Pre-AP Mathematics Areas of Focus to understand the full picture of alignment between Pre-AP Algebra 2 and the Alabama Course of Study: Mathematics. The shared principles and areas of focus represent the Pre-AP approach to teaching and learning, and these principles deeply address skill development and disciplinary practices that cannot be easily captured within a standards crosswalk. **In summary, there are ample opportunities for teachers to address the Alabama Course of Study: Mathematics with confidence throughout this course.**



Learn more about Pre-AP Algebra 2 at preap.org