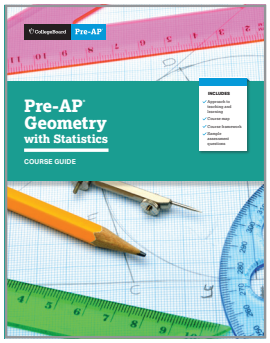
CollegeBoard Pre-AP®

Pre-AP Geometry with Statistics 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 Geometry with Statistics Course Framework and the Alabama Course of Study: Mathematics for Geometry with Data Analysis 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 Geometry with Statistics.



Alignment at a Glance: Very Strong

Alabama Course of Study: Mathematics:

- **Geometry and Measurement**

Discipline Highlights

- Overall, the alignment between the Pre-AP Geometry with Statistics Course Framework and the Alabama Course of Study: Mathematics is very strong.
- Across all four content areas of the Alabama Course of Study: Mathematics, the majority of the Geometry with Data Analysis standards are addressed in full or in part by the Pre-AP Geometry with Statistics Course Framework.
- The Alabama Course of Study: Mathematics and the Pre-AP Geometry with Statistics Course Framework share the strongest alignment in the Geometry and Measurement content area.

= Very strong alignment

= Partial alignment

Alignment between the Pre-AP Geometry with Statistics 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**
- **Algebra and Functions**
- **Data Analysis, Statistics, and Probability**

Discipline Highlights

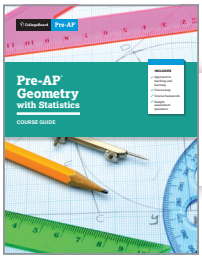
While the overall alignment between the Alabama Course of Study: Mathematics and the Pre-AP Geometry with Statistics Course Framework is very strong, there are a few areas of partial alignment due to differences in the level of specificity in certain areas.

The Alabama Course of Study: Mathematics sometimes includes more specific statements than the Pre-AP Geometry with Statistics learning objectives. For example, the standards include a number of specific theorems that are not listed explicitly within the Pre-AP learning objectives. However, there are natural opportunities to address those theorems within the framework.

Though not a focus in Pre-AP Geometry with Statistics, bivariate data analysis is covered in depth in Pre-AP Algebra 1 and Pre-AP Algebra 2.

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 Geometry with Statistics 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 Geometry with Statistics at preap.org

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