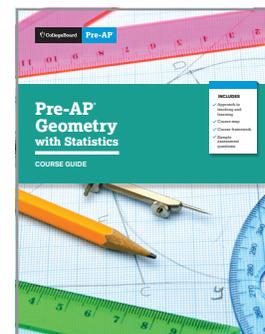




Pre-AP Geometry with Statistics and Georgia Standards of Excellence: Geometry: Alignment Summary

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 Georgia Standards of Excellence: Geometry 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

GSE Geometry:



- Circles
- Conditional Probability and the Rules of Probability
- Congruence
- Interpreting Categorical and Quantitative Data

Discipline Highlights

- ✓ Overall, the alignment between the Pre-AP Geometry with Statistics Course Framework and the GSE Geometry is very strong.
- ✓ Across all nine domains of the GSE Geometry, the majority of the standards are covered in full or in part by the Pre-AP framework.
- ✓ The alignment between the Pre-AP course framework and the GSE Geometry is strongest in the Circles content domain.



= **Very strong alignment**



= **Partial alignment**

Alignment between the Pre-AP Geometry with Statistics Course Framework and the GSE Geometry is described as *very strong* or *partial*. A *very strong* alignment is one in which the majority of the standards are fully 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

GSE Geometry:



- Expressing Geometric Properties with Equations
- Geometric Measurement and Dimension
- Making Inferences and Justifying Conclusions
- Modeling with Geometry
- Similarity, Right Triangles, and Trigonometry

Discipline Highlights



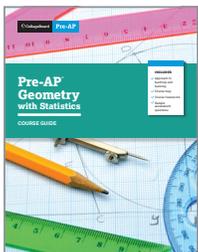
While the overall alignment between the GSE Geometry and the Pre-AP Geometry with Statistics framework is very strong, there are a few areas of partial alignment due to the more granular nature of some of the GSE Geometry.



The GSE Geometry include more specific statements than the Pre-AP learning objectives. For example, MGSE9-12.G.C.2 includes specific vocabulary terms (such as *chords*) that are not mentioned explicitly in the Pre-AP learning objectives. However, teachers will still have natural opportunities to describe relationships among angles, radii, chords, tangents, and secants throughout instruction.

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 GSE Geometry. 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 GSE Geometry with confidence throughout this course.**



Learn more about Pre-AP Geometry with Statistics at preap.org