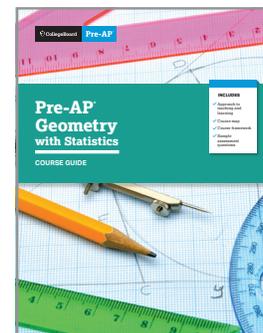




# Pre-AP Geometry with Statistics and Florida's Benchmarks for Excellent Student Thinking Standards for Mathematics: Alignment Summary

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 Florida's Benchmarks for Excellent Student Thinking Standards for Mathematics 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

### Florida B.E.S.T. Standards for Mathematics:



- Geometric Reasoning

### Discipline Highlights



Overall, the alignment between the Pre-AP Geometry with Statistics Course Framework and the Florida B.E.S.T. Standards for Mathematics is very strong.



Across two of the three strands of the Florida B.E.S.T. Standards for Mathematics, the majority of the standards are addressed in full or in part by the course framework.



The Florida B.E.S.T. Standards for Mathematics and the Pre-AP Geometry with Statistics Course Framework share the strongest alignment in the Geometric Reasoning content strand.



= **Very strong alignment**



= **Partial alignment**

Alignment between the Pre-AP Geometry with Statistics Course Framework and the Florida B.E.S.T. Standards for Mathematics is described as *very strong* or *partial*. A *very strong* alignment is one in which the majority of 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

## Florida B.E.S.T. Standards for Mathematics:



- Trigonometry

## Discipline Highlights



While the overall alignment between the Florida B.E.S.T. Standards for Mathematics and the Pre-AP Geometry with Statistics Course Framework is very strong, there are a few areas of partial alignment due to the more granular nature of some of the Florida B.E.S.T. Standards for Mathematics.



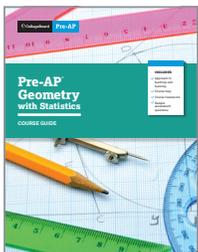
The Florida B.E.S.T. Standards for Mathematics include more specific statements than the Pre-AP learning objectives. For example, standard MA.912.GR.4.6 addresses finding the surface area of three specific three-dimensional figures. The Pre-AP learning objectives do not explicitly address each of these figures, so this standard was given a partial rating. However, there are natural opportunities to address this content throughout instruction.



The Pre-AP framework has an intentionally narrow focus on a prioritized set of concepts, so certain topics are considered outside of the scope of the Pre-AP course. For example, the Logic and Theory content strand is outside of the stated purview of the Pre-AP Geometry with Statistics Course Framework and is not included in the learning objectives.

## 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 Florida B.E.S.T. Standards for 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 Florida B.E.S.T. Standards for Mathematics with confidence throughout this course.**



Learn more about Pre-AP Geometry with Statistics at [preap.org](https://preap.org)