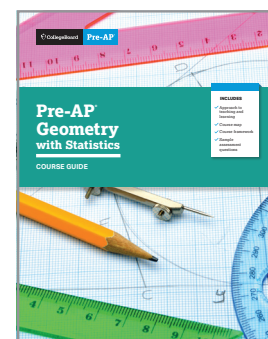




Pre-AP Geometry with Statistics and New Jersey Student Learning Standards for Mathematics and Student Learning Objectives: Alignment Summary

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 New Jersey Student Learning Standards for Mathematics and Student Learning Objectives 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

NJ Student Learning Standards for Mathematics and Student Learning Objectives:



- Algebra 1 Unit 4
- Unit 1: Geometric Constructions and Congruence
- Unit 2: Similarity and Dilations

Discipline Highlights



Overall, the alignment between the Pre-AP Geometry with Statistics Course Framework and the New Jersey Student Learning Standards for Mathematics and Student Learning Objectives is very strong.



Across all four units of the New Jersey Student Learning Standards for Mathematics and Student Learning Objectives, the majority of standards are addressed in full or in part by the Pre-AP Geometry with Statistics Course Framework.



The Pre-AP framework extends beyond geometry and covers content found in the Algebra 1 and Algebra 2 courses of the New Jersey Student Learning Standards for Mathematics and Student Learning Objectives.



= **Very strong alignment**



= **Partial alignment**

Alignment between the Pre-AP Geometry with Statistics Course Framework and the New Jersey Student Learning Standards for Mathematics and Student Learning Objectives 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

NJ Student Learning Standards for Mathematics and Student Learning Objectives:



- Algebra 2 Unit 4
- Unit 3: Geometric Properties and Equations
- Unit 4: Circles and Geometric Measurement

Discipline Highlights



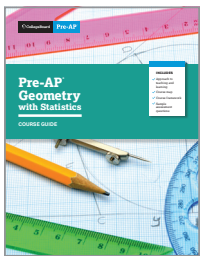
While the overall alignment between the New Jersey Student Learning Standards for Mathematics and Student Learning Objectives and the Pre-AP Geometry with Statistics Course Framework is very strong, there are a few areas of partial alignment due to the more granular nature of some of the New Jersey Student Learning Standards for Mathematics and Student Learning Objectives.



The New Jersey Student Learning Standards for Mathematics and Student Learning Objectives often includes more specific statements than the Pre-AP learning objectives. For example, standard G.COC.9 lists a number of specific theorems. Since these theorems are not explicitly listed in the Pre-AP framework's learning objectives, the standard was given a partial rating. However, the Pre-AP framework and model lessons provide opportunities for teachers to address these theorems 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 New Jersey Student Learning Standards for Mathematics and Student Learning Objectives. 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 New Jersey Student Learning Standards for Mathematics and Student Learning Objectives with confidence throughout this course.**



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