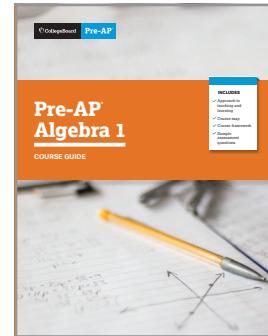




Pre-AP Algebra 1 and California Common Core State Standards Mathematics: Alignment Summary

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 1 Course Framework and the California Common Core State Standards Mathematic (CA CCSSM) 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 1.



Alignment at a Glance: Very Strong

CA CCSSM:



- Interpreting Functions
- Linear, Quadratic, and Exponential Models
- Reasoning with Equations and Inequalities
- Seeing Structure in Expressions
- The Real Number System

Discipline Highlights



Overall, the alignment between the Pre-AP Algebra 1 Framework and the CA CCSSM is very strong, with the majority of the standards across all 10 strands of the CA CCSSM addressed in full or in part by the Pre-AP framework.



The CA CCSSM and the Pre-AP framework show the deepest alignment in the Linear, Quadratic, and Exponential Models; Seeing Structure in Expressions, and The Real Number System content strands.



= Very strong alignment



= Partial alignment

Alignment between the Pre-AP Algebra 1 Course Framework and the CA CCSSM 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

CA CCSSM:



- Arithmetic with Polynomials and Rational Expressions
- Building Functions
- Creating Equations
- Interpreting Categorical and Quantitative Data
- Quantities

Discipline Highlights



While the overall alignment between the CA CCSSM and the Pre-AP Algebra 1 framework is strong, there are some expected areas of partial alignment or gaps in alignment due to the differences in the level of specificity in some areas.



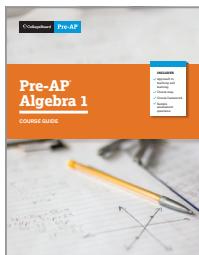
A partial alignment occurs in some instances where a CA CCSSM is addressed implicitly, not explicitly, in the Pre-AP instruction. For example, standard F-BF.1 contains two parts: a and b. Since only part a is explicitly addressed by the Pre-AP framework the standard is given a partial match. However, the framework provides opportunities for the development and practice of the skills in part b of the standard.



Though not a focus in Pre-AP Algebra 1, the standards related to interpreting categorical and quantitative data that appear in the CA CCSSM are covered 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 1 and CA CCSSM. 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 CA CCSSM with confidence throughout this course.**



Learn more about Pre-AP Algebra 1 at preap.org