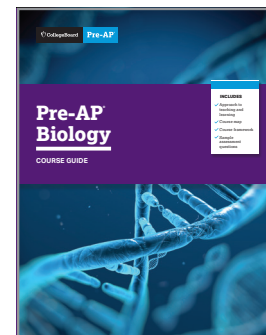




# Pre-AP Biology and South Carolina Academic Standards and Performance Indicators for Biology 1: Alignment Summary

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 Biology Course Framework and the South Carolina Academic Standards and Performance Indicators for Biology 1 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 Biology.



## Alignment at a Glance: Very Strong

### SC Academic Standards and Performance Indicators:



- Cells as a System
- Energy Transfer
- Heredity – Inheritance and Variation of Traits
- Biological Evolution and the Diversity of Life
- Ecosystem Dynamics

### Discipline Highlights

- ✓ Overall, the alignment between the Pre-AP Biology Course Framework and the South Carolina Academic Standards and Performance Indicators is very strong.
- ✓ All five of the South Carolina core areas for Biology 1 are addressed in full or in part by the Pre-AP Biology Course Framework.
- ✓ The majority of South Carolina standards across the five core areas are fully addressed by the Pre-AP Biology Course Framework.
- ✓ The South Carolina Academic Standards and Performance Indicators for Biology 1 and Pre-AP Biology share the deepest alignment within the Biological Evolution and the Diversity of Life core area.



= **Very strong alignment**



= **Partial alignment**

Alignment between the Pre-AP Biology Course Framework and the South Carolina Academic Standards and Performance Indicators for Biology 1 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

## Discipline Highlights



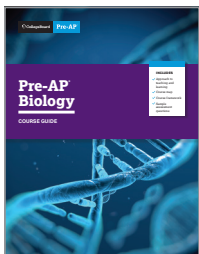
While the overall alignment between the South Carolina Academic Standards and Performance Indicators for Biology 1 and the Pre-AP Biology Course Framework is very strong, there are a few areas of partial alignment or gaps in alignment due to the more granular nature of some of the South Carolina standards and performance indicators.



South Carolina's performance indicators at times include greater specificity than the Pre-AP learning objectives. For example, the performance indicator for SC Standard H.B.2B.1 states that students will develop and use models that compare and contrast how prokaryotic cells meet the same life needs as eukaryotic cells without similar structures. While the Pre-AP framework does not include that level of specificity, the broader expectation of understanding the scientific theory of cells is addressed by the Pre-AP learning objective CELLS 2.1(a), "Provide evidence to support the claim that all biological systems demonstrate some shared characteristics," and by the essential knowledge statement CELLS 2.2.1, which details the specialized structures and functions of cells.

## Summary

Beyond alignments to the course framework, it is also important for educators to turn to the Pre-AP Shared Principles and Pre-AP Science Areas of Focus to understand the full picture of alignment between Pre-AP Biology and the South Carolina Academic Standards and Performance Indicators for Biology 1. 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 South Carolina Academic Standards and Performance Indicators for Biology 1 with confidence throughout this course.**



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