

End-of-Course Examination Program (EOCEP)

Biology Test Blueprint

2022-2023

Administration

Although not timed, the tests are designed for a 90-minute period. This includes the time it takes to administer and complete the test.

Construction of the Test

- The South Carolina Academic Standards and Performance Indicators for Science 2014 are being assessed in the spring of 2023.
- The End-of-Course Biology assessment has 60 test questions (10 field test items may be embedded).
- The blueprint will have a range of items (8 to 18) aligned to each reporting category.
- The Science and Engineering Practice items are embedded throughout the test.
- The items cover a range of difficulty levels.
- The End-of-Course Biology assessment includes two scenario sets. Each scenario consists of a scenario (scientific text, graph, and/ or data) with three test items related to the scenario.
- The End-of-Course Biology assessment has 2 to 6 technology enhanced (TE) items.

Reporting Category	Number of Indicators	Number of Items
Science and Engineering Practices (H.B.1)	9	8 to 10
Cell as a System (H.B.2)	12	12 to 18
Energy Transfer (H.B.3)	5	8 to 10
Heredity- Inheritance and Variation of Traits (H.B.4)	8	8 to 12
Biological Evolution and the Diversity of Life (B-5)	7	8 to 12
Ecosystem Dynamics (H.B.6)	6	8 to 10

DOK Level	Min/ Max (%)
1	10-22
2	60-78
3	10-22