

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