SOUTH CAROLINA DEPARTMENT OF EDUCATION

Algebra 1
Test Blueprint 2026-27

Test Design Summary

- This blueprint is for the assessment of the *2025 South Carolina College- and Career- Ready Standards for Mathematics*.
- The assessment is not timed.
- The assessment consists of 50 operational test items.
- There may be 8-10 additional embedded field test items on the spring assessment.
- Test items cover a range of cognitive complexity levels and a range of difficulty levels.
- Item types that may appear are included on the Algebra 1 Item Types and Descriptions.
- A calculator is available on all test items. For guidance on calculator use during testing, visit the Calculator Requirements page.
- The South Carolina College- and Career-Ready Mathematical Process Standards are integrated as part of the overall student expectations.
- All linked and additional EOCEP resources are available on the Assessment Quick Links for Teachers page accessible via the "Educators" button on The South Carolina Department of Education webpage.

Reporting Categories

The table outlines the reporting categories, indicators within reporting categories, and the number of items assessed per reporting category on the test.

Reporting Categories	Indicators Within Reporting Categories	Number of Indicators	Number of Items per Reporting Category
Statistical and Geometrical Modeling; Numerical Reasoning	A1.DPSR.1.1 A1.DPSR.1.2 A1.DPSR.1.3 A1.DPSR.1.4 A1.DPSR.2.1 A1.DPSR.2.2 A1.DPSR.2.3 A1.MGSR.1.1 A1.NR.1.1 A1.NR.2.1	10	13-17

Reporting Categories	Indicators Within Reporting Categories	Number of Indicators	Number of Items per Reporting Category
Patterns and Algebraic Reasoning	A1.PAFR.1.1 A1.PAFR.1.2 A1.PAFR.1.3 A1.PAFR.1.4 A1.PAFR.2.1 A1.PAFR.2.2 A1.PAFR.2.3 A1.PAFR.2.4 A1.PAFR.2.5 A1.PAFR.2.6 A1.PAFR.2.7 A1.PAFR.2.8 A1.PAFR.2.9 A1.PAFR.2.10	14	20-24
Functional Reasoning	A1.PAFR.3.1 A1.PAFR.3.2 A1.PAFR.3.3 A1.PAFR.3.4 A1.PAFR.4.1 A1.PAFR.4.2 A1.PAFR.4.3	7	13-17
Total Number of Items			**50**

Percent Range of Each DOK

The table outlines the minimum and maximum percentages of items at each DOK level on the test.

DOK Level	Min./Max. % of Items on Test
1	15-40
2	45-75
3	0- 10