



Algebra 1 Test Blueprint 2023-24

Test Design Summary

- This blueprint is for the assessment of the 2015 South Carolina College- and Career- Ready Standards for Mathematics.
- The assessment is not timed.
- The assessment consists of 50 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.
- The test consists of machine scored items including selected-response, technology-enhanced, and technology-enhanced constructed-response.
- The South Carolina College- and Career-Ready Mathematical Process Standards are integrated as part of the overall student expectations.
- Access EOCEP resources, such as sample release items and data review documents at <https://ed.sc.gov/tests/assessment-information/quick-links-for-teachers/>.

Reporting Categories	Key Concepts	Number of Standards	Number of Items per Reporting Category
Algebra	<ul style="list-style-type: none"> • Arithmetic with Polynomial and Rational Expressions • Creating Equations • Reasoning with Equations and Inequalities • Structure and Expressions 	20	21-25
Functions	<ul style="list-style-type: none"> • Building Functions • Interpreting Functions • Linear, Quadratic, and Exponential 	18	18-22
Number and Quantity; Interpreting Data	<ul style="list-style-type: none"> • Quantitative • Real Number System • Interpreting Data 	9	8-11

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