


Algebra 1 End of Course Exam: Test Blueprint Modified

The Algebra 1 End of Course Exam Test Blueprint reporting category Modeling and Problem Solving has been modified as of August 1, 2017.

Modeling and Problem Solving: Interpreting Categorical and Quantitative Data - Represent data on two quantitative variables on a scatter plot, and describe how the variables are related (S-ID.6) has been modified by limiting S-ID.6a to linear models and removing S-ID.6b.

Specifically:

6a. Fit a function to the data; use functions fitted to data to solve problems in the context of the data. Use given functions or choose a function suggested by the context. Emphasize linear, quadratic, and exponential models (S-ID.6a).

	<p>Linear models remain in Algebra 1.</p> <p>Linear, quadratic and exponential models remain in Algebra 2.</p>
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6b. Informally assess the fit of a function by plotting and analyzing residuals. S-ID.6b will only be assessed on the Algebra 2 EOC.

Standard S-ID.6a (linear models only) is included in Algebra 1.

Standards S-ID.6a and S-ID.6b are both included in Algebra 2.

Reporting Categories	Standards	Percent of Items	Number of Items
Algebraic Concepts and Procedures	A-SSE.3a A-SSE.3b *A-APR.3 A-CED.4 A-REI.1 *A-REI.3 *A-REI.4a *A-REI.4b *A-REI.6 A-REI.11 A-REI.12 F-IF.2 F-IF.6 *F-IF.7a F-IF.9	49 %– 53 %	21–23

Reporting Categories	Standards	Percent of Items	Number of Items
Modeling and Problem Solving	N-Q.2 A-CED.1 A-CED.2 A-SSE.1a F-IF.4 F-IF.5 F-IF.8a F-BF.1a F-LE.5 S-ID.6a (6a Alg. 1: linear models only) S-ID.6b (6b Now Alg. 2 only) S-ID.6c S-ID.7	47 %– 51 %	20–22
Operational Item Total			43
Field Test Item Total**			0–10
Total Number of Items on Exam			43–53

Students will be provided a calculator for all questions on the test. For questions aligned to the standards marked with an asterisk (*) students will be provided with either a scientific/graphing/regression calculator or a scientific calculator. For questions aligned to all other standards students will be provided the scientific/graphing/regression calculator.

** Field test items are *not* used to compute students' scores.