

Kindergarten Mathematics

Test Blueprint Summary Table

Reporting Category	Kindergarten SOL	Number of Items
Number and Number Sense	K.1 K.2a-c K.3 K.4a-c K.5	18
Computation and Estimation	K.6	2
Measurement and Geometry	K.7 K.8 K.9 K.10 K.11a-b K.12	14
Probability, Statistics, Patterns, Functions, and Algebra	K.13 K.14 K.15 K.16	6
Excluded from Testing	None	
Number of Operational Items		40
Total Number of Items on Test		40

Grade 1 Mathematics

Test Blueprint Summary Table

Reporting Category	Grade 1 SOL	Number of Items
Number and Number Sense	1.1a-b 1.2 1.3	9
Computation and Estimation	1.4a-b 1.5 1.6	9
Measurement and Geometry	1.7a-b 1.8 1.9 1.10a-b 1.11	10
Probability, Statistics, Patterns, Functions, and Algebra	1.12 1.13 1.14 1.15 1.16 1.17 1.18	12
Excluded from Testing	None	
Number of Operational Items		40
Total Number of Items on Test		40

Grade 2 Mathematics
Test Blueprint Summary Table

Reporting Category	Grade 2 SOL	Number of Items
Number and Number Sense	2.1a-c 2.2a-b 2.3a-c 2.4a-c	10
Computation and Estimation	2.5 2.6a-b 2.7a-b 2.8 2.9	10
Measurement and Geometry	2.10a-b 2.11a-c 2.12 2.13a-b 2.14	11
Probability, Statistics, Patterns, Functions, and Algebra	2.15a-b 2.16 2.17 2.18 2.19 2.20 2.21 2.22	9
Excluded from Testing	None	
Number of Operational Items		40
Total Number of Items on Test		40

Grade 3 Mathematics
Test Blueprint Summary Table

Reporting Category	Grade 3 SOL	Number of Items
Number and Number Sense	3.1a-c 3.2 3.3a-c	10
Computation and Estimation	3.4 3.5 3.6 3.7	10
Measurement and Geometry	3.8 3.9a-d 3.10a-b 3.11a-b 3.12 3.13 3.14 3.15 3.16	11
Probability, Statistics, Patterns, Functions, and Algebra	3.17a-c 3.18 3.19 3.20a-b	9
Excluded from Testing	None	
Number of Operational Items		40
Total Number of Items on Test		40

Grade 4 Mathematics
Test Blueprint Summary Table

Reporting Category	Grade 4 SOL	Number of Items
Number and Number Sense	4.1a-c 4.2a-c 4.3a-d	12
Computation and Estimation	4.4a-d* 4.5a-d*	13
Measurement and Geometry	4.6a-b 4.7a-b 4.8a-b 4.9 4.10a-b 4.11a-b 4.12a-b	13
Probability, Statistics, Patterns, Functions, and Algebra	4.13a-b 4.14 4.15 4.16a-b	12
Excluded from Testing	None	
Number of Operational Items		50
Total Number of Items on Test		50

*Items measuring these SOL will be completed without the use of a calculator.

Grade 5 Mathematics
Test Blueprint Summary Table

Reporting Category	Grade 5 SOL	Number of Items
Number and Number Sense	5.1 5.2a-b* 5.3a-b	7
Computation and Estimation	5.4* 5.5a-b* 5.6* 5.7*	13
Measurement and Geometry	5.8a-e 5.9 5.10 5.11 5.12a-b 5.13a-b	12
Probability, Statistics, Patterns, Functions, and Algebra	5.14 5.15 5.16b-d 5.17 5.18a-d 5.19	18
Excluded from Testing	5.16a	
Number of Operational Items		50
Total Number of Items on Test		50

*Items measuring these SOL will be completed without the use of a calculator.

Grade 6 Mathematics
Test Blueprint Summary Table

Reporting Category	Grade 6 SOL	Number of Items
Number and Number Sense	6.1 6.2a-b 6.2c-d* 6.3a-c 6.4 6.5	10
Computation and Estimation	6.6a* 6.6b 6.7 6.8*	9
Measurement and Geometry	6.9 6.10a-d 6.11a-b 6.12 6.13	12
Probability, Statistics, Patterns, Functions, and Algebra	6.14a-c 6.15a-b 6.16a-b 6.17 6.18 6.19a-c 6.20	19
Excluded from Testing	None	
Number of Operational Items		50
Total Number of Items on Test		50

*Items measuring these SOL will be completed without the use of a calculator.

Grade 7 Mathematics

Test Blueprint Summary Table

Reporting Category	Grade 7 SOL	Number of Items
Number and Number Sense, Computation and Estimation	7.1a 7.1b-d* 7.1e 7.2 7.3a 7.3b* 7.4	16
Measurement and Geometry	7.5a-c 7.6 7.7 7.8	13
Probability, Statistics, Patterns, Functions, and Algebra	7.9 7.10 7.11a-b 7.12 7.13a-b 7.14a-b 7.15a-b 7.16a-e	21
Excluded from Testing	None	
Number of Operational Items		50
Total Number of Items on Test		50

*Items measuring these SOL will be completed without the use of a calculator.

Grade 8 Mathematics

Test Blueprint Summary Table

Reporting Category	Grade 8 SOL	Number of Items
Number and Number Sense, Computation and Estimation	8.1a-b 8.2 8.3a-b 8.4 8.5a-b	14
Measurement and Geometry	8.6a 8.7a-b 8.8a-b 8.9 8.10a-b 8.11	14
Probability, Statistics, Patterns, Functions, and Algebra	8.12 8.13a-b 8.14 8.15a-c 8.16 8.17	22
Excluded from Testing	None	
Number of Operational Items		50
Total Number of Items on Test		50

Algebra I Mathematics
Test Blueprint Summary Table

Reporting Category	Algebra I SOL	Number of Items
Expressions and Operations	A.1 A.2a-c A.3	12
Equations and Inequalities	A.4a-f A.5a-d A.6a-b	18
Functions and Statistics	A.7a-f A.8 A.9 A.10 A.11	20
Excluded from Testing	None	
Number of Operational Items		50
Total Number of Items on Test		50

Geometry Mathematics
Test Blueprint Summary Table

Reporting Category	Geometry SOL	Number of Items
Reasoning, Lines, and Transformations	G.1a-d G.2a-c G.3a-d G.4a-g	18
Triangles	G.5a-d G.6 G.7 G.8	14
Polygons, Circles, and Three-Dimensional Figures	G.9 G.10 G.11a-c G.12 G.13 G.14a-d	18
Excluded from Testing	None	
Number of Operational Items		50
Total Number of Items on Test		50

Algebra II Mathematics
Test Blueprint Summary Table

Reporting Category	Algebra II SOL	Number of Items
Expressions and Operations	AII.1a-d	13
	AII.3	
Equations and Inequalities	AII.4a-d	13
	AII.5	
Functions and Statistics	AII.2	24
	AII.6	
	AII.7a-h	
	AII.8	
	AII.9	
	AII.10	
	AII.11	
AII.12		
Excluded from Testing	None	
Number of Operational Items		50
Total Number of Items on Test		50