

CC Math 1 Standards for Assessment Outline By Theme

Number and Operations	Algebra	Functions	Geometry	Statistics and Probability
M O D E L I N G				
Real Numbers	Seeing Structure in Expressions	Interpreting Functions	Congruence	Interpreting Categorical & Quantitative Data
N-RN.1	A-SSE.1.a*	F-IF.1	G-CO.1	S-ID.1
N-RN.2	A-SSE.1.b*	F-IF.2	Expressing Geometric Properties with Equations	S-ID.2
Quantities*	A-SSE.2	F-IF.3		S-ID.3
	A-SSE.3a*	F-IF.4*		S-ID.5
N-Q.1*	Arithmetic with Polynomials and Rational Expressions	F-IF.5*	G-GPE.4	S-ID.6.a
N-Q.2*		F-IF.6*	G-GPE.5	S-ID.6.b
N-Q.3*		F-IF.7.a*	G-GPE.6	S-ID.6.c
	A-APR.1	F-IF.7.e*	G-GPE.7*	S-ID.7
	Creating Equations*	F-IF.8.a	Geometric Measurement and Dimension	S-ID.8
		F-IF.8.b		S-ID.9
	A-CED.1*	F-IF.9	G-GMD.1	
	A-CED.2*	Building Functions	G-GMD.3*	
	A-CED.3*	F-BF.1.a*		
	A.CED.4*	F-BF.1.b*		
	Reasoning with Equations and Inequalities	F-BF.2*		
		F-BF.3		
	A-REI.1	Linear, Quadratic, and Exponential Models*		
	A-REI.3			
	A-REI.5	F-LE.1.a*		
	A-REI.6	F-LE.1.b*		
	A-REI.10	F-LE.1.c*		
	A-REI.11*	F-LE.2*		
	A-REI.12	F-LE.3*		
		F-LE.5*		

CC Math 2 Standards Outline By Theme

Number and Operations	Algebra	Functions	Geometry	Statistics and Probability	
M O D E L I N G					
Real Numbers	Seeing Structure in Expressions	Interpreting Functions	Congruence	Making Inferences & Justifying Conclusions	
N-RN.2	A-SSE.1.a*	F-IF.2	G-CO.2	S-IC.2	
Quantities*	A-SSE.1.b*	F-IF.4*	G-CO.3	S-IC.6	
	A-SSE.2	F-IF.5*	G-CO.4	Conditional Probability and the Rules of Probability	
N-Q.1*	A-SSE.3.c*	F-IF.7.b*	G-CO.5		
N-Q.2*	Arithmetic with Polynomials and Rational Expressions	F-IF.7.e*	G-CO.6	S-CP.1	
N-Q.3*		F-IF.8.a	G-CO.7	S-CP.2	
		F-IF.9	G-CO.8	S-CP.3	
		A-APR.1	Building Functions	G-CO.10	S-CP.4
		A-APR.3	F-BF.1.a*	G-CO.13	S-CP.5
	Creating Equations*	F-BF.1.b*	Similarity, Right Triangles, & Trigonometry	S-CP.6	
		F-BF.3		S-CP.7	
	A-CED.1*		G-SRT.1.a	S-CP.8	
	A-CED.2*		G-SRT.1.b	S-CP.9	
	A-CED.3*		G-SRT.6		
	A.CED.4*		G-SRT.7		
	Reasoning with Equations and Inequalities		G-SRT.8*		
			G-SRT.9		
		A-REI.1		G-SRT.11	
	A-REI.2		Expressing Geometric Properties with Equations		
	A-REI.4.b			G-GPE.1	
	A-REI.7		G-GPE.6		
	A-REI.10		Geometric Measurement and Dimension		
	A-REI.11*			G-GMD.4	
			Modeling with Geometry		
				G-MG.1*	
				G-MG.2*	
			G-MG.3*		

CC Math 3 Standards Outline By Theme

Number and Operations	Algebra	Functions	Geometry	Statistics and Probability
M O D E L I N G				
Real Numbers	Seeing Structure in Expressions	Interpreting Functions	Congruence	Interpreting Categorical and Quantitative Data
N-RN.3	A-SSE.1.a*	F-IF.2	G-CO.1	S-ID.4
Quantities*	A-SSE.1.b*	F-IF.4*	G-CO.9	Making Inferences & Justifying Conclusions
	A-SSE.2	F-IF.5*	G-CO.10	
N-Q.1*	A-SSE.3.b*	F-IF.7.c	G-CO.11	S-IC.1
N-Q.2*	A-SSE.4*	F-IF.7.e*	G-CO.12	S-IC.3
N-Q.3*	Arithmetic with Polynomials and Rational Expressions	F-IF.8.a*	Similarity, Right Triangles, & Trigonometry	S-IC.4
The Complex Number System		F-IF.9		S-IC.5
		Building Functions		S-IC.6
N-CN.1	A-APR.1		G-SRT.2	Using Probability to Make Decisions
N-CN.2	A-APR.2	F-BF.1.a*	G-SRT.3	
N-CN.7	A-APR.3	F-BF.1.b*	G-SRT.4	S-MD.6
N-CN.9	A-APR.4	F-BF.2*	G-SRT.5	S-MD.7
	A-APR.6	F-BF.3	Circles	
	A-APR.7	F-BF.4a	G-C.1	
	Creating Equations*	Linear, Quadratic, and Exponential Models*	G-C.2	
			G-C.3	
	A-CED.1*	F-LE.3*	G-C.5	
	A-CED.2*	F-LE.4*	Expressing Geometric Properties with Equations	
	A-CED.3*	Trigonometric Functions		
	A.CED.4*			
	Reasoning with Equations and Inequalities	F-TF.1	G-GPE.1	
		F-TF.2	G-GPE.2	
	A-REI.1	F-TF.5	Modeling with Geometry	
	A-REI.2	F-TF.8		
	A-REI.4.a		G-MG.3*	
	A-REI.4.b			
	A-REI.10			

Key:

Standards that appear in Math I and Math II

Standards that appear in Math I and Math III

Standards that appear in Math II and Math III

Standards that appear in Math I, II, and III

*The modeling standards are most appropriately interpreted in relation to other standards as opposed to being addressed in isolation. Students are expected to represent realistic situations with mathematical models. “Making mathematical models” is one of the Mathematical Practices; therefore, these “starred” standards appear throughout each course in the series, and they represent critical area of high school mathematics.