Algebra 1 Blueprint

PROPOSED DRAFT Blueprint for Future MO Assessments as of September, 2016

Reporting Category	Code	Target	Standards	Number of Standards	Point Range by Target	Range of Emphasis by Target	Point Range by Reporting Category	Range of Emphasis by Reporting Category
Algebra	A1.A.SSE	Seeing Structure In Expressions	A1.SSE.A.1, A1.SSE.A.2, A1.SSE.A.3, A1.SSE.A.3.a, A1.SSE.A.3.b	3	2-5	5-10%	18-22	37-43%
	A1.A.APR	Arithmetic With Polynomials And Rational Expressions	A1.APR.A.1, A1.APR.A.2	2	1-4	2-8%		
	A1.A.CED	Creating Equations and Inequalities	A1.CED.A.1, A1.CED.A.2, A1.CED.A.3, A1.CED.A.4	4	3-7	7-13%		
	A1.A.REI	Reasoning With Equations And Inequalities	A1.REI.A.1, A1.REI.A.2, A1.REI.A.2.a, A1.REI.A.2.b, A1.REI.A.2.c, A1.REI.B.3, A1.REI.B.4, A1.REI.B.5, A1.REI.C.6, A1.REI.C.7, A1.REI.C.8	8	7-10	15-20%		
Functions	A1.F.IF	Interpreting Functions	A1.IF.A.1, A1.IF.A.1.a, A1.IF.A.1.b, A1.IF.A.2, A1.IF.B.3, A1.IF.B.4, A1.IF.B.5, A1.IF.B.6, A1.IF.C.7, A1.IF.C.8, A1.IF.C.9	9	10-13	20-25%	18-22	37-43%
	A1.F.BF	Building Functions	A1.BF.A.1	1	0-3	0-5%		
	A1.F.LQE	Linear, Quadratic And Exponential Models	A1.LQE.A.1, A1.LQE.A.1.a, A1.LQE.A.1.b, A1.LQE.A.2, A1.LQE.A.3, A1.LQE.B.4, A1.LQE.B.5, A1.LQE.B.6	6	6-9	12-18%		
Number/Quantity and Statistics	A1.N.NQ	Number & Quantity	A1.NQ.A.1, A1.NQ.A.2, A1.NQ.B.3, A1.NQ.B.3.a, A1.NQ.B.3.b, A1.NQ.B.3.c, A1.NQ.B.3.d, A1.NQ.B.4, A1.NQ.B.5	5	2-5	5-10%	8-12	17-23%
	A1.N.DS	Data & Statistics	A1.DS.A.1, A1.DS.A.2, A1.DS.A.3, A1.DS.A.4, A1.DS.A.4.a, A1.DS.A.4.b, A1.DS.A.5, A1.DS.A.5.a, A1.DS.A.5.b, A1.DS.A.6, A1.DS.A.7, A1.DS.A.8	8	5-8	10-15%		
			Total	**46**	**50**	**100%**	**50**	**100%**

Performance Event: Each year the performance event may align to any specific reporting category or to a group of them. The Performance Event is worth 10 of the 50 total points.

Algebra 2 Blueprint

PROPOSED DRAFT Blueprint for Future MO Assessments as of September, 2016

Reporting Category	Code	Target	Standards	Number of Standards	Point Range by Target	Range of Emphasis by Target	Point Range by Reporting Category	Range Of Emphasis by Reporting Category
Algebra	A2.A.APR	Arithmetic With Polynomials And Rational Expressions	A2.APR.A.1, A2.APR.A.2, A2.APR.A.3, A2.APR.A.4, A2.APR.A.5	5	7-9	17-23%	14-16	35-40%
	A2.A.REI	Reasoning With Equations And Inequalities	A2.REI.A.1, A2.REI.A.2, A2.REI.B.3	3	6-8	15-20%		
Functions	A2.F.SSE	Logarithms and Exponential Relationships	A2.SSE.A.1, A2.SSE.A.2, A2.SSE.A.3, A2.SSE.A.4	4	5-7	12-18%	15-17	37-43%
	A2.F.IF	Interpreting Functions	A2.IF.A.1, A2.IF.A.2	2	3-5	7-13%		
	A2.F.BF	Building Functions	A2.BF.A.1, A2.BF.A.2, A2.BF.A.3	3	4-6	10-15%		
	A2.F.FM	Modeling with Functions, or Functions and Modeling	A2.FM.A.1	1	0-2	0-5%		
Number/Quantity and Statistics	A2.N.NQ	Number & Quantity	A2.NQ.A.1, A2.NQ.A.2, A2.NQ.A.3, A2.NQ.A.4, A2.NQ.B.5, A2.NQ.B.6, A2.NQ.B.7	7	3-5	7-13%	8-10	20-25%
	A2.N.DS	Data & Statistics	A2.DS.A.1, A2.DS.A.2, A2.DS.A.3, A2.DS.A.4, A2.DS.A.5, A2.DS.A.6, A2.DS.A.7, A2.DS.B.8, A2.DS.B.9	9	4-6	10-15%		
			Total	**34**	**40**	**100%**	**40**	**100%**

***Performance Event**: Each year the performance event may align to any specific reporting category or to a group of them. The Performance Event is worth 10 points. A performance event would increase the total points for the Algebra II from 40 to 50 points as seen in Algebra I.

Geometry Blueprint

PROPOSED DRAFT Blueprint for Future MO Assessments as of September, 2016

Reporting Category	Code	Target	Standards	Number of Standards	Point Range by Target	Range of Emphasis by Target	Point Range by Reporting Category	Range Of Emphasis by Reporting Category
Two-Dimensional Geometry	G.A.CO	Congruence	G.CO.A.1, G.CO.A.2, G.CO.A.3, G.CO.A.4, G.CO.A.5, G.CO.B.6, G.CO.B.7, G.CO.C.8, G.CO.C.9, G.CO.C.10, G.CO.D.11	11	9-11	22-28%	26-28	65-70%
	G.A.SRT	Similarity, Right Triangles And Trigonometry	G.SRT.A.1, G.SRT.A.2, G.SRT.A.3, G.SRT.B.4, G.SRT.C.5, G.SRT.C.6, G.SRT.C.7, G.SRT.C.8	8	6-8	15-20%		
	G.A.C	Circles	G.C.A.1, G.C.A.2, G.C.A.3, G.C.B.4, G.C.B.5	5	3-5	7-13%		
	G.A.GPE	Expressing Geometric Properties With Equations	G.GPE.A.1, G.GPE.A.2, G.GPE.B.3, G.GPE.B.4, G.GPE.B.5, G.GPE.B.6	6	4-6	10-15%		
	G.A.MG	Modeling with Geometry	G.MG.A.2, G.MG.A.3	2	0-2	0-5%		
Three-Dimensional Geometry	G.B.GMD	Geometric Measurement And Dimension	G.GMD.A.1, G.GMD.A.2, G.GMD.B.3, G.GMD.B.4	4	3-5	7-13%	5-7	12-18%
	G.B.MG	Modeling with Geometry	G.MG.A.1, G.MG.A.2, G.MG.A.3	3	1-3	2-8%		
Statistics & Probability	G.C.CP	Conditional Probability And The Rules Of Probability	G.CP.A.1, G.CP.A.2, G.CP.A.3, G.CP.A.4, G.CP.A.5, G.CP.A.6, G.CP.A.7, G.CP.A.8	8	5-7	12-18%	5-7	12-18%
			Total	**47**	**40**	**100%**	**40**	**100%**