

Algebra I : Current Blueprints
Current BP with updated code/targets based on new standards

ALGEBRA 1 - Current BP with updated code/targets based on new standards

Reporting Category	Code	Target	Point Range	Range Of Emphasis
Number & Quantity	HSN-RN.A- A1.NQ	The Real Number System- Quantities	2-4	5-10%
	HSN-Q- A1.NQ	Number & Quantity		
Algebra	HSA-SSE- A1.SSE	Seeing Structure In Expressions	14-21	35-53%
	HSA-APR- A1.APR	Arithmetic With Polynomials And Rational Expressions		
	HSA-CED- A1.CED	Creating Equations		
	HSA-REI- A1.REI	Reasoning With Equations And Inequalities		
Functions	HSF-IF- A1.IF	Interpreting Functions	11-20	28-50%
	HSF-BF- A1.BF	Building Functions		
	HSF-LE- A1.LQE	Linear, Quadratic And Exponential Models		
Stats & Prob	HSS-ID- A1.DS	Interpreting Categorical And Quantitative- Data- Data & Statistics	3-6	8-15%
Total			40	100%
Performance Event: Each year the performance event may align to any specific conceptual category or to a group of them. The Performance Event is worth 10 points.				

Algebra I Blueprint
PROPOSED DRAFT Blueprint for Future MO Assessments as of July, 2016

Modification Suggestions with draft New Blueprint based on new standards below:

Combine Number & Quantity with Statistics to eliminate such small reporting categories

- ❖ eliminates reporting categories with such small point/percentage ranges
- ❖ there are some connections between concepts e.g. graphs, displays, appropriate quantities/units

Keep emphasis on Algebra and Functions

Reporting Category	Code	Domains	Standards	Point Range	Range Of Emphasis
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	12-16	30-40%
	A1.A.APR	Arithmetic With Polynomials And Rational Expressions	A1.APR.A.1, A1.APR.A.2		
	A1.A.CED	Creating Equations and Inequalities	A1.CED.A.1, A1.CED.A.2, A1.CED.A.3, A1.CED.A.4		
	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		
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	12-16	30-40%
	A1.F.BF	Building Functions	A1.BF.A.1		
	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		

Reporting Category	Code	Domains	Standards	Point Range	Range Of Emphasis
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	6-8	15-20%
	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		
Total				40	100%

Algebra 2 : Current Blueprints
Current BP with updated code/targets based on new standards

ALGEBRA 2 - Current BP with updated code/targets based on new standards

Reporting Category	Code	Target	Point Range	Range Of Emphasis
Number & Quantity	HSN-CN- A2.NQ	The Complex Number System- Number and Quantity	0-4	0-10%
Algebra	HSA-SSE A2.SSE	Seeing Structure In Expressions This cluster deals strictly with logarithm and exponential relationship. Does the code have to be SSE?	16-22	40-55%
	HSA-APR A2.APR	Arithmetic With Polynomials And Rational Expressions		
	HSA-CED A2.CED	Creating Equations		
	HSA-REI A2.REI	Reasoning With Equations And Inequalities		
Functions	HSF-IF A2.IF	Interpreting Functions	18-24	45-60%
	HSF-BF A2.BF	Building Functions		
	HSF-LE A2.FM	Linear, Quadratic And Exponential Models Modeling with Functions or Functions and Modeling		
Stats & Prob	HSS-ID A2.DS	Interpreting Categorical And Quantitative Data	0-6	0-15%
	HSS-MD A2.DS	Using Probability To Make Decisions- Data & Statistics		
Total			40	100%

Algebra 2 Blueprint

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

Modification Suggestions with draft New Blueprint based on new standards below:

Combine Number & Quantity with Statistics to eliminate such small reporting categories

- ❖ eliminates reporting categories with such small point/percentage ranges
- ❖ there are some connections between concepts e.g. graphs, displays, appropriate quantities/units

Keep emphasis on Algebra and Functions, but increase points in NQ and Statistics

New combined category should have more emphasis than in Algebra 1

Remove CED Domain from Algebra reporting category since it no longer has any corresponding standards (stds previously aligned to CED now map to REI)

Consider a coding change for the A2.SSE category and included standards since the objectives in this section relate more specifically to logarithms and exponential relationships than to Seeing Structure in Equations.

Reporting Category	Code	Domains	Standards	Point Range	Range Of Emphasis
Algebra	A2.A.SSE	Logarithms and Exponential Relationships	A2.SSE.A.1, A2.SSE.A.2, A2.SSE.A.3, A2.SSE.A.4	12-14	30-35%
	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		
	A2.A.CED	Creating Equations			
	A2.A.REI	Reasoning With Equations And Inequalities	A2.REI.A.1, A2.REI.A.2, A2.REI.B.3		
Functions	A2.F.IF	Interpreting Functions	A2.IF.A.1, A2.IF.A.2	12-14	30-35%
	A2.F.BF	Building Functions	A2.BF.A.1, A2.BF.A.2, A2.BF.A.3		
	A2.F.FM	Modeling with Functions, or Functions and Modeling	A2.FM.A.1		

Reporting Category	Code	Domains	Standards	Point Range	Range Of Emphasis
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	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		
Total				40	100%

GEOMETRY: Current Blueprints
Current BP with updated code/targets based on new standards

Geometry - Current BP with updated code/targets based on new standards

Category	Code	Target	Point Range	Range Of Emphasis
Geometry	HSF-CO- G.CO	Congruence	34-40	85-100%
	HSG-SRT- G.SRT	Similarity, Right Triangles And Trigonometry		
	HSG-C- G.C	Circles		
	HSG-GPE- G.GPE	Expressing Geometric Properties With Equations		
	HSG-GMD- G.GMD	Geometric Measurement And Dimension		
	HSG-MG G.MG	Linear, Quadratic And Exponential Models Change to something else i.e. Modeling in Geometry		
Stats & Prob	HSS-CP- G.CP	Conditional Probability And The Rules Of Probability	0-6	0-15%
	HSS-MD- G.CP	Using Probability To Make Decisions		
Total			40	100%

Geometry Blueprint
PROPOSED DRAFT Blueprint for Future MO Assessments as of July, 2016

Modification Suggestions with draft New Blueprint based on new standards below:

Split up Geometry reporting category

- ❖ Put CO and SRT together as one reporting category
- ❖ Put C, GPE and GMD together as another category
- ❖ C Pull out MG and combine it with Probability to make a third reporting category

Reporting Category	Code	Domains	Standards	Point Range	Range Of Emphasis
Congruence, Similarity, Right Triangles and Trigonometry	G.T.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	16-18	40-45%
	G.T.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		
Circles, Geometric Properties with Equations and Measurement	G.M.C	Circles	G.C.A.1, G.C.A.2, G.C.A.3, G.C.B.4, G.C.B.5	14-16	35-40%
	G.M.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		
	G.M.GMD	Geometric Measurement And Dimension	G.GMD.A.1, G.GMD.A.2, G.GMD.B.3, G.GMD.B.4		
Statistics, Probability and Modeling with Geometry	G.P.MG	Linear, Quadratic And Exponential Models Change to something else i.e. Modeling in Geometry	G.MG.A.1, G.MG.A.2, G.MG.A.3	6-8	15-20%
	G.P.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		
Total				40	100%