

Common Core Georgia Performance Standards
High School Mathematics
Accelerated CCGPS Analytic Geometry B / Advanced Algebra - At a Glance

Common Core Georgia Performance Standards: Curriculum Map									
1 st Semester					2 nd Semester				
Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10
Extending the Number System	Quadratic Functions	Modeling Geometry	Applications of Probability	Inferences and Conclusions from Data	Polynomial Functions	Rational and Radical Relationships	Exponential and Logarithms	Trigonometric Functions	Mathematical Modeling
MCC9-12.N.RN.1 MCC9-12.N.RN.2 MCC9-12.N.RN.3 MCC9-12.N.CN.1 MCC9-12.N.CN.2 MCC9-12.N.CN.3(+) MCC9-12.A.APR.1	MCC9-12.N.CN.7 MCC9-12.A.SSE.1a,b MCC9-12.A.SSE.2 MCC9-12.A.SSE.3a,b MCC9-12.A.CED.1 MCC9-12.A.CED.2 MCC9-12.A.CED.4 MCC9-12.A.REI.4a,b MCC9-12.A.REI.7 MCC9-12.F.IF.4 MCC9-12.F.IF.5 MCC9-12.F.IF.6 MCC9-12.F.IF.7a MCC9-12.F.IF.8a MCC9-12.F.IF.9 MCC9-12.F.BF.1a,b MCC9-12.F.BF.3 MCC9-12.F.LE.3 MCC9-12.S.ID.6a	MCC9-12.A.REI.7 MCC9-12.G.GPE.1 MCC9-12.G.GPE.2 MCC9-12.G.GPE.4	MCC9-12.S.CP.1 MCC9-12.S.CP.2 MCC9-12.S.CP.3 MCC9-12.S.CP.4 MCC9-12.S.CP.5 MCC9-12.S.CP.6 MCC9-12.S.CP.7	MCC9-12.S.ID.2 MCC9-12.S.ID.4 MCC9-12.S.IC.1 MCC9-12.S.IC.2 MCC9-12.S.IC.3 MCC9-12.S.IC.4 MCC9-12.S.IC.5 MCC9-12.S.IC.6	MCC9-12.N.CN.8(+) MCC9-12.N.CN.9(+) MCC9-12.A.SSE.1 MCC9-12.A.SSE.2 MCC9-12.A.SSE.4 MCC9-12.A.APR.1 MCC9-12.A.APR.2 MCC9-12.A.APR.3 MCC9-12.A.APR.4 MCC9-12.A.APR.5(+) MCC9-12.A.REI.7 MCC9-12.A.REI.11 MCC9-12.F.IF.7c	MCC9-12.A.APR.6 MCC9-12.A.APR.7(+) MCC9-12.A.CED.1 MCC9-12.A.CED.2 MCC9-12.A.REI.2 MCC9-12.A.REI.11 MCC9-12.F.IF.4 MCC9-12.F.IF.5 MCC9-12.F.IF.9 MCC9-12.F.IF.7b,d(+)	MCC9-12.A.SSE.3c MCC9-12.F.IF.7e MCC9-12.F.IF.8b MCC9-12.F.BF.5(+) MCC9-12.F.IE.4	MCC9-12.F.IF.7e MCC9-12.F.TF.1 MCC9-12.F.TF.2 MCC9-12.F.TF.5 MCC9-12.F.TF.8	MCC9-12.A.CED.1 MCC9-12.A.CED.2 MCC9-12.A.CED.3 MCC9-12.A.CED.4 MCC9-12.F.IF.4 MCC9-12.F.IF.5 MCC9-12.F.IF.6 MCC9-12.F.IF.7 MCC9-12.F.IF.8 MCC9-12.F.IF.9 MCC9-12.F.BF.1a,b,c(+) MCC9-12.F.BF.3 MCC9-12.F.BF.4a,b(+),c(+) MCC9-12.G.GMD.4 MCC9-12.G.MG.1 MCC9-12.G.MG.2 MCC9-12.G.MG.3
These units were written to build upon concepts from prior units, so later units contain tasks that depend upon the concepts addressed in earlier units. All units will include the Mathematical Practices and indicate skills to maintain.									

NOTE: Mathematical standards are interwoven and should be addressed throughout the year in as many different units and tasks as possible in order to stress the natural connections that exist among mathematical topics.

Grade 9-12 Key:

Number and Quantity Strand: RN = The Real Number System, Q = Quantities, CN = Complex Number System, VM = Vector and Matrix Quantities

Algebra Strand: SSE = Seeing Structure in Expressions, APR = Arithmetic with Polynomial and Rational Expressions, CED = Creating Equations, REI = Reasoning with Equations and Inequalities

Functions Strand: IF = Interpreting Functions, LE = Linear and Exponential Models, BF = Building Functions, TF = Trigonometric Functions

Geometry Strand: CO = Congruence, SRT = Similarity, Right Triangles, and Trigonometry, C = Circles, GPE = Expressing Geometric Properties with Equations, GMD = Geometric Measurement and Dimension,

MG = Modeling with Geometry

Statistics and Probability Strand: ID = Interpreting Categorical and Quantitative Data, IC = Making Inferences and Justifying Conclusions, CP = Conditional Probability and the Rules of Probability, MD = Using Probability to Make Decisions

Specific modeling standards appear throughout the high school standards indicated by a star symbol (*).