



GSE Algebra I Semester 1 Pacing Guide

Unit 1	Unit 2	Unit 3
Relationships Between Quantities and Expressions	Reasoning with Linear Equations and Inequalities	Modeling and Analyzing Exponential Functions
<i>(4-5 Weeks)</i>	<i>(6-7 Weeks)</i>	<i>(4-5 Weeks)</i>
MGSE9-12.N.RN.2 MGSE9-12.N.RN.3 MGSE9-12.N.Q.1 MGSE9-12.N.Q.2 MGSE9-12.N.Q.3 MGSE9-12.A.SSE.1 MGSE9-12.A.SSE.1a MGSE9-12.A.SSE.1b MGSE9-12.A.APR.1	MGSE9-12.A.CED.1 MGSE9-12.A.CED.2 MGSE9-12.A.CED.3 MGSE9-12.A.CED.4 MGSE9-12.A.REI.1 MGSE9-12.A.REI.3 MGSE9-12.A.REI.5 MGSE9-12.A.REI.6 MGSE9-12.A.REI.10 MGSE9-12.A.REI.11 MGSE9-12.A.REI.12 MGSE9-12.F.BF.1 MGSE9-12.F.BF.1a MGSE9-12.F.BF.2 MGSE9-12.F.IF.1 MGSE9-12.F.IF.2 MGSE9-12.F.IF.3 MGSE9-12.F.IF.4 MGSE9-12.F.IF.5 MGSE9-12.F.IF.6 MGSE9-12.F.IF.7 MGSE9-12.F.IF.7a MGSE9-12.F.IF.9	MGSE9-12.A.CED.1 MGSE9-12.A.CED.2 MGSE9-12.F.BF.1 MGSE9-12.F.BF.1a MGSE9-12.F.BF.2 MGSE9-12.F.BF.3 MGSE9-12.F.IF.1 MGSE9-12.F.IF.2 MGSE9-12.F.IF.3 MGSE9-12.F.IF.4 MGSE9-12.F.IF.5 MGSE9-12.F.IF.6 MGSE9-12.F.IF.7 MGSE9-12.F.IF.7e MGSE9-12.F.IF.9

*Standards in **BOLD** are considered Priority Standards and all other standards are Supporting Standards as designated by Cherokee County School District.*

Grades 9-12 Key:

RN = The Real Number System,
 Q = Quantities
 SSE = Seeing Structure in Expressions
 APR = Arithmetic with Polynomial and Rational Expressions
 CED = Creating Equations

REI = Reasoning with Equations and Inequalities
 IF = Interpreting Functions
 LE = Linear and Exponential Models
 BF = Building Functions
 ID = Interpreting Categorical and Quantitative Data



GSE Algebra I Semester 2 Pacing Guide

Unit 4	Unit 5	Unit 6	Unit 7
Modeling and Analyzing Quadratic Functions	Comparing and Contrasting Functions	Describing Data	End of Year Critical Standards to Know
(6-7 Weeks)	(4-5 Weeks)	(4-5 Weeks)	Post GMAS
MGSE9-12.A.SSE.2 MGSE9-12.A.SSE.3 MGSE9-12.A.SSE.3a MGSE9-12.A.SSE.3b MGSE9-12.A.CED.1 MGSE9-12.A.CED.2 MGSE9-12.A.CED.4 MGSE9-12.A.REI.4 MGSE9-12.A.REI.4a MGSE9-12.A.REI.4b MGSE9-12.F.BF.1 MGSE9-12.F.BF.3 MGSE9-12.F.IF.1 MGSE9-12.F.IF.2 MGSE9-12.F.IF.4 MGSE9-12.F.IF.5 MGSE9-12.F.IF.6 MGSE9-12.F.IF.7 MGSE9-12.F.IF.7a MGSE9-12.F.IF.8 MGSE9-12.F.IF.8a MGSE9-12.F.IF.9	MGSE9-12.F.LE.1 MGSE9-12.F.LE.1a MGSE9-12.F.LE.1b MGSE9-12.F.LE.1c MGSE9-12.F.LE.2 MGSE9-12.F.LE.3 MGSE9-12.F.LE.5 MGSE9-12.F.BF.3 MGSE9-12.F.IF.1 MGSE9-12.F.IF.2 MGSE9-12.F.IF.4 MGSE9-12.F.IF.5 MGSE9-12.F.IF.6 MGSE9-12.F.IF.7 MGSE9-12.F.IF.9	MGSE9-12.S.ID.1 MGSE9-12.S.ID.2 MGSE9-12.S.ID.3 MGSE9-12.S.ID.5 MGSE9-12.S.ID.6 MGSE9-12.S.ID.6a MGSE9-12.S.ID.6c MGSE9-12.S.ID.7 MGSE9-12.S.ID.8 MGSE9-12.S.ID.9	1. Solving equations /algebraic proofs 2. Slope (parallel /perpendicular) 3.Distance formula (extension of Pythagorean Theorem)

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