

Algebra I

First Semester

Units 1 – 6

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
				Introduction	Intro/Pre-Test
	A.1.a: 1-1 Variables & Expressions	A.1.b.c: 1-2 Order of Operations	A.1.b.c: 1-2 Order of Operations	A.1.c: 1-5 Open Sentences	1-1/1-2/1-5 Assessment
	A.1.d: 0-2 Number Class. & Square Roots	A.1.d: 0-3/2-5 Absolute Value Expressions	0-3/0-4/0-5 Operations of Rational Number Intro Using	0-3/0-4/0-5 Operations of Rational Number Intro Using	A.4.b: 1-3/1-4 Field Properties and Properties of Equality
		A.4.b: 1-3/1-4 Field Properties and Properties of Equality	A.4.b: 1-3/1-4 Field Properties and Properties of Equality	Algebraic Concepts Unit 1 Assessment	Adjustment to Pacing
	A.3.a: 0-2 Simplify Square Roots	A.3.a: 10-2 Simplify Square Roots	A.3.c: 10-2 Simplify Square Roots with Variables	A.3.c: 10-2 Simplify Square Roots with Variables	A.3.b: 0-2 Simplify Cube Roots
	Simplifying Radicals Unit 2 Assessment	Adjustment to Pacing	A.4.e: 2-2 Solving Equations Using Add & Subtract	A.4.e: 2-2 Solving Equations Using Mult & Divide	2-2 Assessment A.4.b.e: 2-3 Solving Multi-Step Equations
	A.4.b.e: 2-3 Solving Multi-Step Equations	A.4.b.e: 2-3 Solving Multi-Step Equations	2-2/2-3 Assessment A.4.b.e.l: 2-4 Solving Equations with Variables on	A.4.b.e.l: 2-4 Solving Equations with Variables on Both	A.4.b.e.l: 2-4 Solving Equations with Variables on Both
	A.4.a: 2-8 Solving Literal Equations (Formulas)	A.4.a: 2-8 Solving Literal Equations (Formulas)	A.4.a: 2-8 Solving Literal Equations (Formulas)	One Variable Equations Unit 3 Assessments	Adjustment to Pacing
	A.5.a.c: 5-1 Solving Inequalities Using Add & Subtract	A.5.a.c: 5-2 Solving Inequalities Using Mult & Divide	A.5.a.b.c: 5-3 Solving Multi-Step Inequalities	A.5.a.b.c: 5-3 Solving Multi-Step Inequalities	A.5.a.b.c: 5-3 Solving Multi-Step Inequalities

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
	A.5.a.b.c: 5-3 Solving Multi-Step Inequalities	One Variable Inequalities & Graphing Unit 4 Assessment	Adjustment to Pacing	A.7.d: 1-6 The Coordinate Plane	A.7.b.d: 1-6 Relations
	A.7.a.c: 1-7 Functions	A.7.a.c: 1-7 Functions	A.7.e: 3-5 Arithmetic Sequence	A.7.e: 9-8 Geometric Sequence	A.6.c.d.e.f.h & A.8.a.c.e: 3-4 Direct Variation
	A.6.c.d.e.f.h & A.8.a.c.e: 3-4 Direct Variation	A.8.b.d: 11-1 Inverse Variation	A.8.b.d: 11-1 Inverse Variation	Functions & Variation Unit 5 Assessment	Adjustment to Pacing
	Adjustment to Pacing		A.6.d.e.f: 3-3 Slope	A.6.d.e.f: 3-3 Slope	A.6.d.e.f: 4-4 Slope (Include Definitions of Parallel & Perpendicular
	A.6.a.b.c.d.e.g.h.i: 4-1/4-2 Slope Intercept Form	A.6.a.b.c.d.e.g.h.i: 4-1/4-2 Slope Intercept Form	A.6.a.b.c.d.e.g.h.i.j: 4-1/4-2 Slope Intercept Form	A.6.a.b.c.d.e.g.h.i.j: 4-1/4-2 Slope Intercept Form	A.6.k.l: 4-4 Horizontal/Vertical Lines
	A.6.a.b.c.d.e.g.h.i.j: 4-1/4-2 Slope Intercept Form	A.6.a.b.c.d.e.g.h.i.j: 4-1/4-2 Slope Intercept Form	A.11.a.b.c.d: 4-5 Linear Scatter Plots	A.11.a.b.c.d: 4-5 Linear Scatter Plots	Linear Equations in Two Variables Unit 6 Assessment
	Adjustment to Pacing	A.4.h.i.j.k: 6-1 Graphing Systems of Linear Equations	A.4.h.i.j.k: 6-1 Graphing Systems of Linear Equations	A.4.g.i.j.k: 6-2 Solving Systems of Equations-Substitution	A.4.g.i.j.k: 6-2 Solving Systems of Equations-Substitution
	Adjustment to Pacing	Adjustment to Pacing			
	A.4.g.i.j.k: 6-2 Solving Systems of Equations-Substitution	A.4.g.i.j.k: 6-3/6-4 Solving Systems of Equations-Elimination	A.4.g.i.j.k: 6-3/6-4 Solving Systems of Equations-Elimination	A.4.g.h.i.j.k: Linear Systems Review	Adjustment to Pacing
	Exam Review	Exam Review	Exam Review	Exam Review	Exam Review
	Exams	Exams	Exams	Exams	Exam Makeup

Algebra I

Second Semester

Units 7 – 11

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
	A.4.g.h.i.j.k: Linear Systems Review	A.6.a: 5-6 Graphing Inequalities in Two Variables	A.6.a: 5-6 Graphing Inequalities in Two Variables	A.5.d: 6-8 Graphing Systems of Inequalities	A.5.d: 6-8 Graphing Systems of Inequalities
	A.5.d: 6-8 Graphing Systems of Inequalities	Systems of Linear Equations & Inequalities Unit 7 Assessment Review	Systems of Linear Equations & Inequalities Unit 7 Assessment	Adjustment to Pacing	A.2.a: 7-1 Multiplying Monomials
	A.2.a: 7-1 Multiplying Monomials	A.2.a: 7-1 Multiplying Monomials	A.2.a: 7-2 Dividing Monomials	A.2.a: 7-2 Dividing Monomials	A.2.a: 7-2 Dividing Monomials
	A.2.a: Assessment	A.2.a: 7-3 Scientific Notation	A.2.a: 7-3 Scientific Notation	A.2.a: 7-3 Assessment	A.2: 7-4 Polynomials
	A.2.b.c.d: 7-5 Adding and Subtracting Polynomials	A.2.b.c.d: 7-5 Adding and Subtracting Polynomials	A.2.b.c.d: 7-4/7-5 Assessment	A.2.b.c.e: 7-6 Multiplying a Polynomial by a Monomial	A.2.b.c.e: 7-6 Multiplying a Polynomial by a Monomial
	A.2.b.c.f: 11-5 Dividing a Polynomial by a Monomial	A.2.b.c.f: 11-5 Dividing a Polynomial by a Monomial	A.2.b.c.e.f Review	A.2.b.c.e.f Assessment	A.2.b.c.e: 7-7/7-8 Multiplying Polynomials (FOIL)
	A.2.b.c.e: 7-7/7-8 Multiplying Polynomials (FOIL)	A.2.b.c.e: 7-7/7-8 Multiplying Polynomials (FOIL)	A.2.b.c.e Assessment (7-7/7-8)	Polynomials Unit 8 Review	Polynomials Unit 8 Assessment
	A.2.g.h 8-1 Factors and GCF	A.2.g.h 8-1 Factors and GCF 8.2 Factoring using Distributing Property	A.2.g.h: 8-2 Factoring Using Distributing Property	A.2.g.h: 8-2 Factoring Using Distributing Property	A.2.g.h: 8-1/8-2 Assessment
	A.2.g.h: 8-3 Factoring Trinomials	A.2.g.h & A.4.c.d: 8-3 Solving Quadratic Equations by Factoring	A.2.g.h: 8-4 Factoring Trinomials	A.2.g.h: 8-4 Factoring Trinomials	A.2.g.h & A.4.c.d: 8-4 Solving Quadratic Equations by Factoring

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
	A.2.g.h & A.4.c.d: 8-3/8-4 Assessment	A.2.g.h: 8-5 Factoring Difference of Squares	A.2.g.h: 8-6 Factoring Perfect Squares	A.2.f.g: 11-5 Dividing a Polynomial by a Binomial (Factoring numerator may be necessary)	A.2.f.g: 11-5 Dividing a Polynomial by a Binomial (Factoring numerator may be necessary)
	A.2.f.g: 11-5 Dividing a Polynomial by a Binomial (Factoring numerator may be necessary)	A.2.f.g: 11-5 Dividing a Polynomial by a Binomial (Factoring numerator may be necessary)	A.2.g.h & A.4.c.d: Chapter 8 Review	A.2.g.h & A.4.c.d: Chapter 8 Assessment	Adjustment to Pacing
	Factoring Review Unit 9 Assessment	Factoring Unit 9 Assessment	Adjustment to Pacing	A.2.i & A.4.f: 9-1 Graphing Quadratic Equations	A.2.i & A.4.f: 9-1 Graphing Quadratic Equations
	A.2.i & A.4.f: 9-2 Solving Quadratic Equations by Graphing	A.2.i & A.4.f: 9-2 Solving Quadratic Equations by Graphing	A.2.i & A.4.f: 9-1/9-2 Review	A.2.i & A.4.f: 9-1/9-2 Assessment	A.11.a.b.c.d: Quadratic Scatter Plots (Curve Fitting: p.590-591)
	A.11.a.b.c.d: Quadratic Scatter Plots & Assessment	Quadratic Equations Unit 10 Review	Quadratic Equations Unit 10 Assessment	Adjustment to Pacing	A.10.a: 0-13 Box-and-Whisker Plots
	A.10.a: 0-13 Box-and-Whisker Plots	A.9: Chapter 12 (VDOE A.9 Technical Assistance Document)	A.9 Chapter 12 (VDOE A.9 Technical Assistance Document)		
		A.9 Chapter 12 (VDOE A.9 Technical Assistance Document))	A.9 Chapter 12 (VDOE A.9 Technical Assistance Document)	Statistics Unit 11 Review	Statistics Unit 11 Assessment
	SOL Review	SOL Review	SOL Review	SOL Review	SOL Review
	SOLs	SOLs	SOLs	SOLs	SOLs
	Exam Review	Exams	Exams	Exams	Exams/Graduation

Unit Titles

Unit 1 – Algebraic Concepts

Unit 2 – Simplifying Radicals

Unit 3 – One Variable Equation

Unit 4 – One Variable Inequalities & Graphing

Unit 5 – Functions

Unit 6 – Linear Equations in Two Variables

Unit 7 – Systems of Linear Equations and Inequalities

Unit 8 – Polynomials

Unit 9 – Factoring

Unit 10 – Quadratic Equations

Unit 11 – Statistics