

Algebra Scope and Sequence 2008-2009 using McDougal Littell Algebra I				Created by Jamie Alexander	
FIRST SIX WEEKS					
Day	Textbook Section	Quiz/Test	Concept	√	TEKS
1			Class rules/expectation & Assessment of students prior knowledge		
2	2.1		Using Integers and Rational Numbers		a.1, 8.1.A
3	2.2-2.3		Adding and Subtracting Real Numbers		a.1, a.6, 8.2.B
4	2.4	Quiz 2.1-2.3	Multiplying Real Numbers		a.1, a.6, A.4.B, 8.2.B
5	2.6		Dividing Real Numbers		a.1, a.6, A.4.B, 8.2.B
6	2.5		Distributive Property		A.1.C, A.4.B
7	2.5		Distributive Property w/ Calc Applications		A.1.C, A.4.B
8	2.7	Quiz 2.4-2.5	Square Roots & Comparing Real Numbers		a.1, a.6, 8.1.C
9	Review Chapter 2		Properties of Real Numbers		a.1, a.6, 8.1.A, 8.1.C, 8.2.B, A.1.C, A.4.B
10	Chapter 2 Test	Test Chapter 2	Properties of Real Numbers		a.1, a.6, 8.1.A, 8.1.C, 8.2.B, A.1.C, A.4.B
11	1.1-1.2		Order of Operations & Evaluating Expressions		a.1, a.2, a.6
12	1.3		Writing Expressions		a.2, A.3.A
13	1.4		Writing Expressions & Inequalities		a.2, A.3.A
14	Review Chapter 1		Expressions & Equations		a.1, a.2, a.6, A.3.A
15	Chapter 1 Test	Test Chapter 1	Expressions & Equations		a.1, a.2, a.6, A.3.A
16	8.1		Exponent Properties Involving Products		A.11.A
17	8.2		Exponent Properties Involving Quotients		A.11.A
18	8.2		Exponent Properties Involving Quotients w/ Calc Applications		A.11.A
19	Review and Practice		Exponent Properties Involving Products & Quotients		A.11.A
20	8.3	Quiz 8.1-8.2	Define and Use Zero and Negative Exponents		A.11.A
21	8.4		Using Scientific Notation		a.1, 8.1.D
22	Review Chapter 8		Exponents		a.1, 8.1.D, A.11.A
23	Chapter 8 Test	Test Chapter 8	Exponents		a.1, 8.1.D, A.11.A
24	Reteach				a.1, a.2, a.6, 8.1.A, 8.1.C, 8.1.D, 8.2.B, A.1.C, A.3.A, A.4.B, A.11.A
25	Review Chapters 1,2,8		Rational & Real Numbers, Exponents, Order of Operations		a.1, a.2, a.6, 8.1.A, 8.1.C, 8.1.D, 8.2.B, A.1.C, A.3.A, A.4.B, A.11.A
26	Benchmark Test	Benchmark 1	Rational & Real Numbers, Exponents, Order of Operations		a.1, a.2, a.6, 8.1.A, 8.1.C, 8.1.D, 8.2.B, A.1.C, A.3.A, A.4.B, A.11.A
27	Reteach		Chapters 1,2,8		a.1, a.2, a.6, 8.1.A, 8.1.C, 8.1.D, 8.2.B, A.1.C, A.3.A, A.4.B, A.11.A
28	Reteach		Chapters 1,2,8		a.1, a.2, a.6, 8.1.A, 8.1.C, 8.1.D, 8.2.B, A.1.C, A.3.A, A.4.B, A.11.A
29	Practice TAKS test	PT Test			All
30	Practice TAKS test	PT Test			All
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SECOND SIX WEEKS					
Day	Textbook Section	Quiz/Test	Concept	√	TEKS
1	3.1		Solving One-Step Equations		A.4.A, A.7.B
2	3.2		Solving Two-Step Equations		A.4.A, A.7.B
3	3.3		Solving Multi-Step Equations		A.4.A, A.4.B, A.7.B
4	Review and Practice		Solving Equations		A.4.A, A.4.B, A.7.B
5	3.4	Quiz 3.1-3.3	Solving Equations with Variables on Both Sides		A.4.A, A.4.B, A.7.B
6	3.5		Writing Ratios and Proportions		A.3.A, A.4.A, A.7.B, A.7.C
7	3.6		Solving Proportions Using Cross Products		A.3.A, A.4.A
8	Review and Practice		Writing and Solving Proportions		A.3.A, A.4.A
9	3.7	Quiz 3.4-3.6	Solving Percent Problems		a.1, A.3.A, A.4.A, 8.2.B
10	Extension 3.7		Find Percent of Change		a.6, A.3.A, 8.3.A
11	3.8		Rewriting Equations and Formulas for a specific variable		a.4, A.4.A,
12	Review Chapter 3	Quiz 3.7-3.8	Review Chapter 3		a.1, a.4, a.6, A.3.A, A.4.A, A.7.B, A.7.C, 8.2.B,

13	Chapter 3 Test	Test Chapter 3	Solving Linear Equations	8.3.A
14	4.2		Graph Linear Equations w/ Review of Plotting Points	A.1.D, A.2.B, A.5.B, A.5.C
15	4.2		Graph Linear Equations w/ Calc Applications	A.1.D, A.2.B, A.5.B, A.5.C
16	4.3		Graph using Intercepts	A.5.B, A.6.B, A.6.E, A.7.C
17	Review and Practice		Graphing Equations	A.5.B, A.6.B, A.6.E, A.7.C
18	4.4	Quiz 4.1-4.3	Find the Slope and Rate of Change	A.2.C, A.6.A, A.6.B
19	4.4		Find the Slope and Rate of Change	A.2.C, A.6.A, A.6.B
20	4.5		Graph Using Slope-Intercept Form	A.6.A, A.6.B, A.6.E, A.6.F
21	4.5		Graph Using Slope-Intercept Form w/ Calc Applications	A.6.A, A.6.B, A.6.E, A.6.F
22	Review and Practice		Finding Slope and Graphing using Slope-Intercept Form	A.6.A, A.6.B, A.6.E, A.6.F
23	4.7	Quiz 4.4-4.5	Graph Linear Function	a.6, A.6.G, A.7.B
24	4.7		Function Notation	a.6, A.6.G, A.7.B
25	4.7		Parent Functions w/ Calc Applications	a.6, A.6.G, A.7.B
26	Review and Practice		Graphing Functions/Function notation/Parent Functions	a.6, A.6.G, A.7.B
27	Review Chapter 4	Quiz 4.7	Review Graphing Linear Equations and Functions	A.5.C, A.6.A, A.6.B, A.6.E, A.6.G, A.7.B, A.7.C, 8.2.B, 8.3.A
28	Chapter 4 Test	Test Chapter 4	Test Graphing Linear Equations and Functions	a.1, a.4, a.6, A.1.D, A.2.B, A.3.A, A.4.A, A.5.B, A.5.C, A.6.A, A.6.B, A.6.E, A.6.G, A.7.B,
29	Reteach		Chapters 3 & 4	A.5.C, A.6.A, A.6.B, A.6.E, A.6.G, A.7.B, A.7.C, 8.2.B, 8.3.A
30	Benchmark Test	Benchmark 2	Solving and Graphing Linear Equations and Functions	A.5.C, A.6.A, A.6.B, A.6.E, A.6.G, A.7.B, A.7.C, 8.2.B, 8.3.A
Algebra Scope and Sequence 2008-2009 using McDougal Littell Algebra I				Created by Jamie Alexander
THIRD SIX WEEKS				
Day	Textbook Section	Quiz /Test	Concept	TEKS
1	5.1		Write Linear Equations in Slope-Intercept Form	A.1.C, A.4.C, A.6.D, A.7.A
2	5.1		Write Linear Equations in Slope-Intercept Form w/ Calc Applications	A.1.C, A.4.C, A.6.D, A.7.A
3	Review and Practice		Write Linear Equations in Slope-Intercept Form	A.1.C, A.4.C, A.6.D, A.7.A
4	5.2		Use Linear Equations in Slope-Intercept Form	A.1.C, A.4.C, A.6.D, A.7.A
5	Review and Practice		Use Linear Equations in Slope-Intercept Form w/ Calc Applications	A.1.C, A.4.C, A.6.D, A.7.A
6	5.3	Quiz 5.1-5.2	Write Linear Equations in Point-Slope Form	A.1.C, A.5.A, A.6.D, A.7.A
7	5.3		Write Linear Equations in Point-Slope Form w/ Calc Applications	A.1.C, A.5.A, A.6.D, A.7.A
8	Review and Practice		Write Linear Equations in Point-Slope Form	A.1.C, A.5.A, A.6.D, A.7.A
9	5.4		Write Linear Equations in Standard Form	A.1.C, A.1.D, A.1.E, A.7.A
10	Review and Practice		Write Linear Equations in Standard Form w/ Calc Applications	A.1.C, A.1.D, A.1.E, A.7.A
11	5.5	Quiz 5.3-5.4	Write Equations of Parallel and Perpendicular Lines	A.6.D
12	5.6		Fit a Line To Data	A.1.E, A.2.B, A.2.D, A.5.A
13	5.7		Predict With Linear Models	A.1.B, A.1.E, A.2.D, A.6.E
14	Review Chapter 5	Quiz 5.5-5.7	Writing Linear Equations	A.1.B, A.1.C, A.1.D, A.1.E, A.2.B, A.2.D, A.4.C, A.5.A, A.6.D, A.6.E, A.7.A
15	Chapter 5 Test	Test Chapter 5	Writing Linear Equations	A.1.B, A.1.C, A.1.D, A.1.E, A.2.B, A.2.D, A.4.C, A.5.A, A.6.D, A.6.E, A.7.A
16	5.1		Reteach Write Linear Equations in Slope-Intercept Form	A.1.C, A.4.C, A.6.D, A.7.A
17	5.2		Reteach Use Linear Equations in Slope-Intercept Form	A.1.C, A.4.C, A.6.D, A.7.A
18	5.3	Quiz 5.1-5.2	Reteach Write Linear Equations in Point-Slope Form	A.1.C, A.5.A, A.6.D, A.7.A
19	5.4		Reteach Write Linear Equations in Standard Form	A.1.C, A.1.D, A.1.E, A.7.A
20	5.5	Quiz 5.3-5.4	Reteach Write Equations of Parallel and Perpendicular Lines	A.6.D
21	5.6		Reteach Fit a Line To Data	A.1.E, A.2.B, A.2.D, A.5.A
22	5.7		Reteach Predict With Linear Models	A.1.B, A.1.E, A.2.D, A.6.E
23	Review Chapter 5	Quiz 5.5-5.7	Writing Linear Equations	A.1.B, A.1.C, A.1.D, A.1.E, A.2.B, A.2.D, A.4.C, A.5.A, A.6.D, A.6.E, A.7.A
24	Chapter 5 Test	Test Chapter 5	Writing Linear Equations	A.1.B, A.1.C, A.1.D, A.1.E, A.2.B, A.2.D, A.4.C, A.5.A, A.6.D, A.6.E, A.7.A

25	Benchmark Test	Benchmark 3	Writing Linear Equations	A.1.B, A.1.C, A.1.D, A.1.E, A.2.B, A.2.D, A.4.C, A.5.A, A.6.D, A.6.E, A.7.A
26	Review Semester Finals		Chapters 1-5	All Semester TEKS
27	Review Semester Finals		Chapters 1-5	All Semester TEKS
28	Review Semester Finals		Chapters 1-5	All Semester TEKS
29	Review Semester Finals		Chapters 1-5	All Semester TEKS
30	Semester Finals	Semester Exam	Chapters 1-5	All Semester TEKS

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FOURTH SIX WEEKS

Day	Textbook Section	Quiz/Test	Concept	TEKS
1	6.1		Solve Inequalities Using Addition and Subtraction	A.7.A, A.7.B
2	Review and Practice		Solve Inequalities Using Addition and Subtraction	A.7.A, A.7.B
3	6.2		Solve Inequalities Using Multiplication and Division	A.7.A, A.7.B
4	Review and Practice		Solve Inequalities Using Multiplication and Division	A.7.A, A.7.B
5	6.3		Solve Multi-Step Inequalities	A.7.A, A.7.B, A.7.C
6	6.3 Extension		Solve Linear Inequalities By Graphing pg. 377 w/ Calc Applications	A.7.A, A.7.B, A.7.C
7	6.4	Quiz 6.1-6.3	Solve Compound Inequalities	A.7.A, A.7.B
8	Review and Practice		Solve Compound Inequalities	A.7.A, A.7.B
9	6.5		Solve Absolute Value Equations	A.7.A, A.7.B
10	Review and Practice		Solve Absolute Value Equations	A.7.A, A.7.B
11	6.6		Solve Absolute Value Inequalities	A.7.A, A.7.B
12	Review and Practice		Solve Absolute Value Inequalities	A.7.A, A.7.B
13	6.7	Quiz 6.4-6.5	Graph Linear Inequalities in Two Variables	A.1.C, A.1.D, A.1.E, A.7.A
14	Review and Practice		Graph Linear Inequalities in Two Variables w/ Calc Applications	A.1.C, A.1.D, A.1.E, A.7.A
15	Review Chapter 6	Quiz 6.7	Linear Inequalities	A.1.C, A.1.D, A.1.E, A.7.A, A.7.B, A.7.C
16	Chapter 6 Test	Test Chapter 6	Linear Inequalities	A.1.C, A.1.D, A.1.E, A.7.A, A.7.B, A.7.C
17	7.1		Solve Linear Systems by Graphing	A.8.A, A.8.B
18	Review and Practice		Solve Linear Systems by Graphing w/ Calc Applications	A.8.A, A.8.B
19	7.2	Quiz 7.1	Solve Linear Systems by Substitution	A.8.A, A.8.B, A.8.C
20	7.2		Solve Linear Systems by Substitution	A.8.A, A.8.B, A.8.C
21	7.2		Solve Linear Systems by Substitution	A.8.A, A.8.B, A.8.C
22	7.3	Quiz 7.2	Solve Linear Systems by Adding or Subtracting	A.8.A, A.8.B
23	7.3		Solve Linear Systems by Adding or Subtracting w/ Calc Applications	A.8.A, A.8.B
24	7.4	Quiz 7.3	Solve Linear Systems by Multiplication	A.8.A, A.8.B
25	7.4		Solve Linear Systems by Multiplication w/ Calc Applications	A.8.A, A.8.B
26	7.5	Quiz 7.4	Special Types of Linear Systems	A.8.A, A.8.B, A.8.C
27	7.6		Solve Systems of Linear Inequalities	A.1.D, A.1.E, 2A.3.A, 2A.3.B
28	Review Chapter 7	Quiz 7.5-7.6	Systems of linear Equations and Inequalities	A.8.A, A.8.B, A.8.C, A.1.D, A.1.E, 2A.3.A, 2A.3.B
29	Chapter Test 7	Test Chapter 7	Systems of linear Equations and Inequalities	A.8.A, A.8.B, A.8.C, A.1.D, A.1.E, 2A.3.A, 2A.3.B
30	Benchmark Test	Benchmark 4	Linear Inequalities, Systems of Equations and Inequalities	A.1.C, A.1.D, A.1.E, A.7.A, A.7.B, A.7.C, A.8.A, A.8.B, A.8.C, A.1.D, A.1.E, 2A.3.A, 2A.3.B

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FIFTH SIX WEEKS

Day	Textbook Section	Quiz/Test	Concept	TEKS
1	Practice TAKS test	PT Test		All
2	Practice TAKS test	PT Test		All
3	9.1		Add and Subtract polynomials	A.1.C, A.4.A, A.4.B
4	9.2		Multiply Polynomials	A.1.C, A.4.A, A.4.B
5	Review and Practice		Multiply Polynomials	A.1.C, A.4.A, A.4.B

6	9.3	Quiz 9.1-9.2	Find Special Products of Polynomials	A.4.A, A.4.B
7	Review and Practice		Find Special Products of Polynomials	A.4.A, A.4.B
8	9.4		Solve Polynomial Equations in Factored Form	A.4.A, A.10.A
9	Review and Practice		Solve Polynomial Equations in Factored Form	A.4.A, A.10.A
10	9.5	Quiz 9.3-9.4	Factoring Trinomials	A.1.C, A.4.A, A.10.A
11	9.6		Factoring Trinomials	A.4.A, A.10.A
12	9.7	Quiz 9.5-9.6	Factor Special Products	A.4.A, A.10.A
13	Review and Practice		Factor Special Products	A.4.A, A.10.A
14	Review and Practice		Chapter 9...All Sections	A.1.C, A.4.A, A.4.B, A.10.A
15	Review Chapter 9		Quadratic Equations	A.1.C, A.4.A, A.4.B, A.10.A
16	Chapter 9 Test	Test Chapter 10	Quadratic Equations	A.1.C, A.4.A, A.4.B, A.10.A
17	10.1		Graphing Quadratic Equations	A.2.A, A.9.A, A.9.B, A.9.C
18	Review and Practice		Graphing Quadratic Equations w/ Calc Applications	A.2.A, A.9.A, A.9.B, A.9.C
19	10.2		Graphing Quadratic Equations	A.2.A, A.9.A, A.9.B, A.9.C
20	Review and Practice		Graphing Quadratic Equations w/ Calc Applications	A.2.A, A.9.A, A.9.B, A.9.C
21	10.3	Quiz 10.1-10.2	Solve Quadratic Equations by Graphing	A.9.D, A.10.A, A.10.B, 2A.8.D
22	Review and Practice		Solve Quadratic Equations by Graphing w/ Calc Applications	A.9.D, A.10.A, A.10.B, 2A.8.D
23	10.6	Quiz 10.3	Quadratic Formula	A.10.A, A.10.B, 2A.6.A, 2A.8.A
24	Review and Practice		Quadratic Formula	A.10.A, A.10.B, 2A.6.A, 2A.8.A
25	Review Chapter 10		Quadratic Equations	A.1.C, A.2.A, A.4.A, A.4.B, A.9.A, A.9.B, A.9.C, A.9.D, A.10.A, A.10.B, 2A.6.A, 2A.8.A
26	Chapter 10 Test	Test Chapter 11	Quadratic Equations	A.1.C, A.2.A, A.4.A, A.4.B, A.9.A, A.9.B, A.9.C, A.9.D, A.10.A, A.10.B, 2A.6.A, 2A.8.A
27	Reteach Chapters 9-10		Quadratic Functions	A.1.C, A.2.A, A.4.A, A.4.B, A.9.A, A.9.B, A.9.C, A.9.D, A.10.A, A.10.B, 2A.6.A, 2A.8.A
28	Review 8th Grade TEKS		8th Grade TEKS	All 8th Grade TEKS
29	Review 8th Grade TEKS		8th Grade TEKS	All 8th Grade TEKS
30	Benchmark Test	Benchmark 5	Quadratic Functions and 8th Grade TEKS	A.1.C, A.2.A, A.4.A, A.4.B, A.9.A, A.9.B, A.9.C, A.9.D, A.10.A, A.10.B, 2A.6.A, 2A.8.A

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SIXTH SIX WEEKS				
Day	Textbook Section	Quiz/Test	Concept	TEKS
1	TAKS Workbook		Objective 1 & Objective 2 TAKS Review	Objective 1 & Objective 2 TAKS
2	TAKS Workbook		Objective 3 & Objective 4 TAKS Review	Objective 3 & Objective 4 TAKS
3	TAKS Workbook		Objective 5 & Objective 6 TAKS Review	Objective 5 & Objective 6 TAKS
4	TAKS Workbook		Objective 7 & Objective 8 TAKS Review	Objective 7 & Objective 8 TAKS
5	TAKS Workbook		Objective 9 & Objective 10 TAKS Review	Objective 9 & Objective 10 TAKS
6	TAKS Workbook		8th Grade TEKS Review	8th Grade TEKS
7			TAKS TESTING	
8			TAKS TESTING	
9			TAKS TESTING	
10			TAKS TESTING	
11		TAKS	TAKS TESTING	
12			Worksheets on Radicals, Square Roots and Exponents	
13			Worksheets on Radicals, Square Roots and Exponents	
14			Worksheets on Radicals, Square Roots and Exponents	
15			Worksheets on Radicals, Square Roots and Exponents	
16			Worksheets on Radicals, Square Roots and Exponents	
17			Semester Projects and Activities	
18			Semester Projects and Activities	
19			Semester Projects and Activities	
20			Semester Projects and Activities	
21			Semester Projects and Activities	
22			Semester Projects and Activities	

23			Semester Projects and Activities		
24			Semester Projects and Activities		
25			Semester Projects and Activities		
26	<i>Review Semester Finals</i>		<i>Chapters 6-10</i>		
27	<i>Review Semester Finals</i>		<i>Chapters 6-10</i>		
28	<i>Review Semester Finals</i>		<i>Chapters 6-10</i>		
29	<i>Review Semester Finals</i>		<i>Chapters 6-10</i>		
30	<i>Semester Finals</i>	<i>Semester Exam</i>	<i>Chapters 6-10</i>		