

McDougal Littell Algebra 1 Correlation to Louisiana Comprehensive Curriculum

Units	Topics	McDougal Littell Lessons, Resources & Activities
UNIT 1: Understanding Quantities, Variability, and Change	Numbers and Number Sets	Chapter 2, Lessons 2.1 – 2.7 Concept Activity 2.3, p. 78, Concept Activity 2.6, p. 99
	Venn Diagramming	Done in Courses 3 And Pre-Algebra
	Basic Operations on Rational Numbers	Chapter 1, Lesson 1.3
	Tables and Graphs	Chapter 1, Lesson 1.6, Activity 1.2
	Scientific Notation	Chapter 8, Lesson 8.4
	Integer Exponents	Chapter 1, Lesson 1.2
	Variables	Chapter 1, Lesson 1
	Inputs and Outputs, Domain and Range	Chapter 1, Lesson 1.7
	Expressions and Patterns	Chapter 1, Lessons 1.1, 1.3, 1.4, Concept Activity 1.4
UNIT 2: Writing and Solving Proportions and Linear Equations	Linear Equations and Inequalities	Chapter 1, Lesson 1.4, 1.7, Chapter 3, Concept Activity 4.4, p. 225, Concept Activity 4.6, p. 240
	Proportions	Chapter 3, Lesson 3.8, Chapter 11, Lessons 11.1, 11.3, Graphing Calculator Activity, p. 663
UNIT 3: Linear Functions and Their Graphs, Rates of Change and Applications	Linear Functions and Their Graphs	Chapter 1, Lesson 1.7, Chapter 4
UNIT 4: Linear Equations, Inequalities and Their Solutions	Linear Equations	Chapter 5
	Linear Inequalities	Chapter 6
UNIT 5: Systems of Equations and Inequalities	Matrices	Chapter 2, Lesson 2.4
	Solving Systems of Equations	Chapter 7, Lessons 7.1-7.5, Concept Activity 7.1, p. 397, Graphing Calculator Activity, p.404, Concept Activity 7.5, p. 425
	Solving Systems of Inequalities	Chapter 7, Lessons 7.6

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UNIT 6: Measurement	Estimation and Reasonableness	Appendix 3
	Round-off Error	Chapter 3, Lesson 3.6 Activity, p. 168

UNIT 7: Exponents, Exponential Functions and Non-Linear Graphs	Exponent Review	Chapter 1, Lesson 1.2
	Exponents	Chapter 8, Lessons 8.1-8.3, Concept Activity 8.1, p. 449, Graphing Calculator Activity, p. 462
	Exponential Growth	Chapter 8, Lesson 8.5, Concept Activity 8.5, p. 476
	Exponential decay	Chapter 8, Lesson 8.6, Concept Activity 8.6, p. 483, Graphing Calculator Activity, p. 492
	Quadratic Functions	Chapter 9, Chapter 10, concept Activity 9.3, p. 517, Graphic Calculator Activity, p. 525, Graphing calculator Activity, p. 532, graphing Calculator Activity, p. 539, Concept Activity 9.6, p. 540 Lessons 10.1 and 10.2, Concept Activity 10.1, p. 575,
	Scientific Notation	Chapter 8, Lesson 8.4

UNIT 8: Data, Chance and Algebra	Probability and Odds	Chapter 2, Lesson 2.8
	Mean, Median, Mode	Chapter 6, Lesson 6.6
	Geometric Probability	Chapter 11, Lesson 11.4
	Counting Methods	pp. 788-789
	Probability of Compound Events	Appendix 2, pp. 833-838

*Please also consult the resources available for every chapter.

**Projects are also available for each chapter and every three chapters.