

McDougal Littell Geometry Correlation to the Louisiana Comprehensive Curriculum

Unit	Topics	McDougal Littell Lessons, Resources & Activities
UNIT 1: Geometric Pattern & Puzzles	Inductive Reasoning, Patterns	Chapter 1, Lessons 1.1-1.6, Additional Pages: 556 , p. 95, Challenge problem, Project, p. 590-591,
	Algebra	Algebra Review pp. 124 & 125, and homework problems
	Counting	p. 783-784
	Linear Equations	p. 789-796
UNIT 2: Reasoning and Proof	Inductive Reasoning, Conjecture, Counterexamples	Chapter 1, Lesson 1.1, Chapter 2, Lessons 2.1 – 2.3
	Conditional Statements, Bi-conditional Statements	Chapter 2, Lessons, 2.1 & 2.2
	Deductive Reasoning, Logical Argument	Chapter 2, Lesson 2.3
	Reasoning Using Algebra	Chapter 2, Lesson 2.4
	Proof: Two Column, Paragraph, and Flow	Chapter 2, Lessons 2.5 & 2.6, pp. 135 & 138
	Lines: Parallel Perpendicular, and Skew, Equations of Lines	Chapter 3, Lessons 3.1-3.5, Additional Pages, 793-796
UNIT 3: Parallel & perpendicular Relationships	Parallel Lines – Coordinate plane	Chapter 3, Lesson 3.6
	Perpendicular Lines – Coordinate Plane	Chapter 3, Lesson 3.7
	Technical Drawing	Uses Information from Chapters 2 and 3, pp. 188-189
	Triangles and Their Angles, Classifying Triangles by Their Angles	Chapter 4, Lesson 4.1 Chapter 5, Chapter 6
UNIT 4: Triangles & Quadrilaterals	Triangle Congruence	Chapter 4, Lessons 4.2-4.5, Concept Activity 4.3, p. 211
	Special Triangles	Chapter 4, Lesson 4.6
	Coordinate proof, Algebra Review	Chapter 4, Lesson 4.7, pp. 258-259
	Angle and Segment Bisectors, perpendiculars	Chapter 5, Lessons 5.1-5.4
	Triangle Inequality & Indirect Proof	Chapter 5, Lessons 5.5 & 5.6, Concept Activity 5.5, p. 294,
	Describing Polygons, Especially Quadrilaterals	Chapter 6, Lessons 6.1-6.3, 6.5
	Special Quadrilaterals	Chapter 6, Lesson 6.4, 6.6
	Finding Areas of Triangles and Quadrilaterals	Chapter 6, Lesson 6.7, Concept Activity 6.7, p. 371

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UNIT 5: Similarity & Trigonometry	Similarity, Ratio and Proportions	Chapter 8, Lessons 8.1 & 8.2, Additional Pages: 522, 523, 799, 390, 391
	Similar Polygons	Chapter 8, Lesson 8.3. Concept Activity 8.3, p. 472
	Similar Triangles	Chapter 8, Lessons 8.4 & 8.5
	Proportions and Similar Triangles	Chapter 8, Lesson 8.6, concept Activity 8.6, p. 497
	Dilations	Chapter 8, Lesson 8.7, Technology Activity 8.7, p. 514
	Similar Right Triangles	Chapter 9, Lesson 9.1
	The Pythagorean Theorem	Chapter 9, Lessons 9.2 & 9.3, Technology Activity 9.2, p., 542, Additional Page 557
	Special Right Triangles	Chapter 9, Lesson 9.4, Concept Activity 9.3, p.550
	Trigonometric Ratios	Chapter 9, Lesson 9.5 & 9.6
	Vectors	Chapter 9, Lesson 9.7
UNIT 6: Area, Surface Area, Polyhedra, & Volume	Perimeter, Circumference, and Area	Chapter 1, Lesson 1.7, Chapter 6, Lesson 6.7, Chapter 11, Lessons 11.1 – 11.3, Technology Activity 11.4, p. 690
	Polyhedra	Chapter 12, Lessons 12.1
	Surface Area of Polyhedra	Chapter 12, Lessons 12.2 & 12.3, Concept Activity 12.2, p. 727
	Volume of Polyhedra	Chapter 12, Lessons 12.4 & 12.5, Concept Activity 12.5, p. 751
	Surface area and Volume of Spheres	Chapter 12, Lesson 12.6
	Similar Solids	Chapter 12, Lesson 12.7
UNIT 7: Circles and Spheres	Circles and Lines and Segments Related to Them	Chapter 10, Lessons 10.1 & 10.2, Chapter 11, Lessons 11.4 – 11.6
	Arcs, Chords, and Inscribed Angles	Chapter 10, Lessons 10.3 & 10.4
	Other Angles	Chapter 10. Lesson 10.5
	Equations of Circles, Locus	Chapter 10, Lessons 10.6 & 10.7, Technology Activity 10.7, p. 641
UNIT 8: Transformations	Rigid Motion in a Plane	Chapter 7, Lessons 7.1, Concept Activity 7.1, p. 395
	Reflections and Rotations	Chapter 7, Lessons 7.2 & 7.3, Concept Activity 7.2, p. 403, Concept Activity 7.3, p. 411
	Translations and Glides	Chapter 7, Lessons 7.4-7.6, Concept Activity 7.5, p. 429