Course Outline **Geometry AB** **2012-13, 1st Semester**

Textbook: McDougal Littell (2003), Geometry Concepts and Skills **Teacher: Mrs. Blaske**

Date	Day	LESSON UNITS	ASSIGNMENT LIST CW: Classwork HW: Homework	
August 21 – September 6 CA Standards: 1, 3	8/21C 8/22C	Introduction: Welcome, Attendance, Syllabus, Materials, Agreement Form **Organization:** How textbook is organized; Test Answer Sheets; Cornell Notes and Packet; Activity: Questioning Strategies		Materials; Signed Form Binder; Print Answer Sheets
	8/23A-8/24B (1.1-1.2) 8/27A-8/28B (1.3-1.4) 8/29A-8/30B (1.5-1.6) 8/31A-9/4B 9/5A-9/6B	**CHAPTER 1:** **BASICS OF GEOMETRY** 1.1 Finding & Describing Patterns 1.2 Inductive Reasoning 1.3 Points, Lines, and Planes ***Quiz 1*** 1.4 Sketching Intersections 1.5 Segments and Their Measures 1.6 Angles and Their Measures ***Quiz 2; Chapter Review*** ***Chapter 1 Test***	***Guided Practice (GP) even#*** 1.1 Ex. pp.5-7 #2-34, 1.2 Ex. pp. 11-13 #8-16 1.3 Ex. pp. 17-20 #16-52 #58-62 1.4 Ex. pp. 25-27 #8-32 #34 1.5 Ex. pp. 31-33 #8-32 1.6 Ex. pp. 38-41 #16-28, #30-44 Chapter Summary & Review, Test pp. 42-47	***Independent Practice (IP) odd#***
September 7 – 24 CA Standards: 1, 3	9/7A-9/10B (2.1-2.2) 9/11A-9/12B 9/13A-9/14B 9/17A-9/18B 9/19A-9/20B 9/21A-9/24B	**CHAPTER 2: SEGMENTS AND ANGLES** 2.1 Segment Bisectors 2.2 Angle Bisectors 2.3 Complementary and Supplementary Angles ***Quiz 1*** 2.4 Vertical Angles 2.5 If-Then Statements and Deductive Reasoning 2.6 Properties of Equality and Congruence ***Quiz 2; Chapter Review*** ***Chapter 2 Test***	***Guided Practice (GP) even#*** 2.1 Ex. pp. 56-59#12-34, #36, 38 2.2 Ex. pp. 64-66#8-22, #28-30 2.3 Ex. pp. 70-73 #8-26, #28-37 2.4 Ex. pp.78-81 #10-36, #37, #38-56 2.5 Ex. pp. 85-87, #8-26 2.6 Ex. pp.91-94 #10-22 Chapter Summary & Review, Test pp. 95-99	***Independent Practice (IP) odd#*** ***Project: Drawing in Perspective*** pp. 102-103 (optional)

Date	Day	LESSON UNITS	ASSIGNMENT LIST CW: Classwork HW: Homework	
September 25 - October 10 **CA Standards: 3, 7, 16, 22**	9/25A-9/26B 9/27A-9/28B 10/1A-10/2B 10/3A-10/4B 10/5A-10/8B 10/9A-10/10B	**CHAPTER 3: PARALLEL AND PERPENDICULAR LINES** 3.1 Relationships Between Lines ***Quiz 1*** 3.3 Angles Formed By Transversals 3.4 Parallel Lines and Transversals ***Quiz 2*** 3.5 Showing Lines Are Parallel 3.6 Translations ***Chapter Review*** ***Chapter 3 Test***	***Guided Practice (GP) even#*** 3.1 Ex. pp. 110-113 #10-32, #34-41 ~~3.2 Ex. pp.123-125 #10-32~~ 3.3 Ex. pp. 132-135 #14-36, #38 3.4 Ex. pp.140-142 #6-28, #31-33 3.5 Ex. pp. 147-149 #4-16, #25 ~~3.6 Ex. pp. 155-159 #10-34, #38-44~~	***Independent Practice (IP) odd#*** Chapter Summary & Review, Test, pp. 160-165
October 11 – 26 **CA Standards: 1, 3, 6, 12, 15, 16**	10/11A-10/12B (4.1-4.2) 10/15A-10/16B 10/17A-10/18B 10/19A-10/22B 10/23A-10/24B 10/25A-10/26B	**CHAPTER 4: TRIANGLE RELATIONSHIPS** 4.1 Classifying Triangles 4.2 Angle Measures of Triangles ***Quiz 1*** 4.3 Isosceles and Equilateral Triangles 4.4 The Pythagorean Theorem and the Distance Formula ***Quiz 2*** 4.5 The Converse of the Pythagorean Theorem ~~4.6 Medians of Triangle~~ 4.7 Triangle Inequalities ***Chapter Review*** ***Chapter 4 Test***	***Guided Practice (GP) even#*** 4.1 Ex. pp. 176-178 #12-28, #30-47 4.2 Ex. pp. 182-184 #6-20, #23 4.3 Ex. pp.188-190 #8-24, #27-28 4.4 Ex. pp. 195-198 #8-32, #33-34 4.5 Ex. pp. 203-205 #10-36, #37-38 ~~4.6 Ex. pp. 210-211 #10-18, #19-21~~ 4.7 Ex. pp. 215-218 #12-22, #24-31, #34-38 Chapter Summary & Review, Test, pp. 219-225	***Independent Practice (IP) odd#*** ***Project: Balancing Shapes pp. 228 –229 (optional)***

Date	Day	LESSON UNITS	ASSIGNMENT LIST CW: Classwork	HW: Homework
October 29- November 16 **CA Standards: 2, 3, 4, 5, 12, 13, 16, 22**	10/29A-10/30B 10/31A-11/1B 11/2A-11/5B 11/6A-11/7B 11/8A-11/9B 11/13A-11/14B 11/15A-11/16B	**CHAPTER 5: CONGRUENT TRIANGLES** 5.1 Congruence and Triangles 5.2 Proving Triangles are Congruent: SSS and SAS ***Quiz 1*** 5.3 Proving Triangles are Congruent: ASA and AAS 5.4 Hypotenuse-Leg Congruence Theorem: HL ***Quiz 2*** ***5.5*** Using Congruent Triangles; **5.6** Angle Bisectors & Perpendicular Bisectors ***Chapter Review*** ***Chapter 5 Test*** ***THANKSGIVING BREAK (11/19-11/25/12)*** *****Constructions*** 5.7 Reflections and Symmetry	***Guided Practice (GP) even#*** 5.1 Ex. pp. 236-239 #14-46, #48-50 5.2 Ex. pp. 245-249 #10-36 5.3 Ex. pp. 254-256 #10-30, #34-35 5.4 Ex. pp. 260-263 #13-24, #32-33 5.5 Ex. pp. 268-271 #6-16, #19-20 5.6 Ex. pp. 276-280 #8-20, #21-29 ~~5.7 Ex. pp. 286-290 #8-26, #27-29, #31-39, #40-41~~	***Independent Practice (IP) odd#*** Chapter Summary & Review, Test, pp. 291 – 297 Cumulative Review, pp. 350 – 351
November 26-December 14 **CA Standards 3,7,12,27**	11/26A-11/27B 11/28A-11/29B 11/30A-12/3B 12/4A-12/5B 12/6A-12/7B 12/10A-12/11B 12/12-12/13B-12/14A	**CHAPTER 6: QUADRILATERALS** 6.1 Polygons 6.2 Properties of Parallelograms 6.3 Showing Quadrilaterals are Parallelograms ***Quiz 1*** 6.4 Rhombuses, Rectangles, and Squares 6.5 Trapezoids 6.6 Reasoning About Special Quadrilaterals ***Quiz 2; Chapter Review*** ***Chapter 6 Test***	***Guided Practice (GP) even #*** 6.1 Ex. pp. 306-308 #8-20(even), #21-27 6.2 Ex. pp. 313-315 #13-20, #22-32(even), #34-40 6.3 Ex. pp. 320-323 #8-18, #25-27 6.4 Ex. pp. 328-330 #8-20 6.5 Ex. pp. 334-336 #9-16, #17-25, #27-30 6.6 Ex. pp. 339-341 #5-17, #20-23 Chapter Summary & Review/Test, pp. 342 - 345	***Independent Practice (IP) odd #*** ***Project:*** ***Creating Tessellations*** **pp. 352 –353 (optional)**
December 17 – 21, 2012	12/17C 12/18C 12/19 12/20 12/21	**FINAL EXAM WEEK:** **Final Review** **Final Review** **FINAL EXAM Periods 1 and 3** **FINAL EXAM Periods 2 and 4** **FINAL EXAM Periods 6 and 7**		

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