

Pacing the Unit

This pacing plan for the congruent triangle unit was created (and used) several years ago at Santa Susana High School. It was designed for a bell schedule where all classes were an hour except for the nearly two hour Wednesday/Thursday block. Not all the activities and worksheets referred to are online. We are providing it just as a sample for anyone who might want an idea of what our unit has looked like in the past and not necessarily as a recommended sequence.

Day	Activities and Topics
Mon	Warm-Up: Constructing a logical argument activity (Review of Chapter 2) Vocabulary: Isosceles, Equilateral, Scalene, Equiangular, Vertex, Adjacent, Base, Legs, Hypotenuse (4.1) Identifying and Naming congruent triangles and polygons Bonus: Logic Gates (AND/ OR) HW: Congruent Polygons Worksheet
Tues	Warm-up: Logic Gates Triangle shortcuts: SSS, SAS, ASA, AAS Constructing congruent triangles using SSS HW: Triangles and Congruence Worksheet
Wed/Thurs	Warm-up #2: The Hunt for Overlapping Triangles Introduction to Reflexive Property: Shared Sides and Angles transparency as a class -- BREAK -- Introduction to proof blocks SSS, SAS, ASA, AAS proofs HW: SSS/SAS - p216 (6-19) ASA/AAS – p223 (2-4, 8-13)
Fri	Quiz: “Congruent Triangle Quiz” Naming congruent triangles, Corresponding parts, SSS/SAS/ASA/AAS Reflexive Proofs: Proving Triangles Congruent Worksheet #1-8 HW: Quick Review – p809 (6-8, 13-19) (very easy) OR Proving Congruent Triangles Worksheet #9-12 (challenging)
Mon	Definitions: Midpoint, Segment Bisector, Angle Bisector, Perpendicular Lines, Perpendicular Bisector Do #9, hint on #13 HW: Using Definitions #1-8, 9-14
Tues	Proofs with Definitions: continue with the worksheet HW: Definitions in Proofs #1-11
Wed/Thurs	Quiz: “Definitions Quiz”

	Using CPCTC Proof with CPCTC: CPCTC Worksheet #1-7 HW: Definitions in Proofs #12-21
Fri	Proof with CPCTC HW: CPCTC worksheet #9-18
Mon	Triangle Sum Theorem (4.1) Exterior Angle Theorem (4.1) HW: p199 (31-39)
Tues	Warm-Up: Angle Chase worksheets Isosceles and Equilateral Triangles, Base Angles Theorem (4.6) Construct Isosceles and Equilateral Triangles HW: Worksheet 4.1/4.6
Wed/Thurs	Proofs Using Isosceles and Equilateral Triangles HW: Definition of an Isosceles Triangle and Base Angles Theorem worksheet
Fri	TEST

* Activities in parentheses are suggested if time allows.