

## Bells 1 & 4 Student's Syllabus for Chapter 4 Congruent Triangles

**Help Night** – Tuesday through Friday

**Quiz** – Monday Nov 2<sup>nd</sup> Lesson 4-4 & 5.

**Test** – Possible Friday Nov 6<sup>th</sup>

Date	Lesson	<u>Homework</u>
Monday Oct 26 <sup>th</sup>	Students will correct homework. Students will review triangle problems which cover angle measures.	
Tuesday Oct 27 <sup>th</sup>	Test over Ch 3 Lessons 7 & 8 and Ch 4 Lessons 1 -3 <b>Homework</b> Lesson 4-3 Review Questions p. 220 #19-24 2 pts Lesson 4-4 Review Questions p. 226 #23-26 2pts	Ch 3 Assessment WS, complete #2 as answer states.
Wednesday Oct 28 <sup>th</sup>	Students will go through Ch3 & 4 notes, they will be turned in on Friday Oct 30 <sup>th</sup> . Students will complete Take Another Look p. 255. Students will determine if two side, one side and angle, or two angles will form congruent triangle <sup>N</sup> . Students will define: included side and angle <sup>G</sup> .	p. 226 #23 p. 234-5 #18 & 23 p. 241 #8 & 9 2 pts Students will construct triangles using only 3 parts (angles or sides) to form congruent triangles <sup>N</sup> . Only 1-4
Thursday Oct 29 <sup>th</sup>	Students will discuss other conjectures relationship when on a sphere. Students will complete the activity for constructing triangles using only 3 parts (angles or sides) to form congruent triangles. Students will complete p. 229 #4-8 <sup>N</sup> and p. 224 #12-17 <sup>N</sup> , use color pencil to emphasize the details.	Lesson 4-4 Worksheet on Identifying which Triangle Congruence Shortcut 2 pts Organize Notes
Friday Oct 30 <sup>th</sup>	Students will discuss: Corresponding Parts of Congruent Triangles. Students will use color pencil, to assist in overlapping triangles, to complete Lesson 4-6 p. 233 #1-15 <sup>N</sup> Students will correct L4-4 Worksheet from overhead.	Sketch all problems and use color pencils p. 229 #10-17 p. 224 #4-9 p. 235 #19 2 pts
Monday Nov 2 <sup>nd</sup> Makilia	Students will take a quiz over Lesson 4-4 & 4-5. Students will use flow chart deductive reasoning format, Lesson 4.7 p.239-41 start with #10-12, then #1-8 <sup>N</sup> .	Lesson 4-6 & 4-7 Worksheet. 4pts
Tuesday Nov 3 <sup>rd</sup>	Students will learn 2-column deductive reasoning format for angle bisector(s), median(s), altitude(s), and perp. bisector(s) are the same in isosceles triangles <sup>N</sup> . Students will use 2-column deductive reasoning format to show why the median from a right angle is half the length of the hypotenuse <sup>N</sup> .	Lesson 4-8 p. 245 #1-10, use notes from class 4 pts
Wednesday Nov 4 <sup>th</sup>	Students will use 2-column puzzle set to prove Triangle Sum, Exterior Angle, Right-Complementary, and Third Angle Congruent <sup>N</sup> .	p. 252-4 #5, 6, 29, 30, 35, 36 2 pts
Thursday Nov 5 <sup>th</sup>	Review for test. Students will write the conjectures for the Triangle Shortcuts <sup>G</sup> .	

<sup>N</sup> - put in folder's notes section

<sup>G</sup> - put in folder's glossary section