Week Overview Nov 11-15 Chapter 5 Triangles - pd 1 & 4

Monday - Inservice with Parent Teacher Conferences

Tuesday -

- Warmup: Watch online with Mrs. Pletcher the Example 1 from Section 5.2 in dynamic classroom
- Work on softbook pg. 73 as notes on congruent polygons.
- Then do online practice # 1-6, 13, 14

Wednesday - Notes on SAS Triangle Congruence Lesson Section 5.3

- Each student draws 3 different triangles based a selections and then we compare them.
- Mrs. Pletcher then uses this **website:** https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Congruence-Theorems/

  To help students interactive with the proper labeling and configuration of parts to demonstrate the theorems of SSS, SAS, AAS ASA, AAA, and SSA to create a document for 25 point online submission project grade by Friday. See next slide for checkoff grade sheet.

Thursday

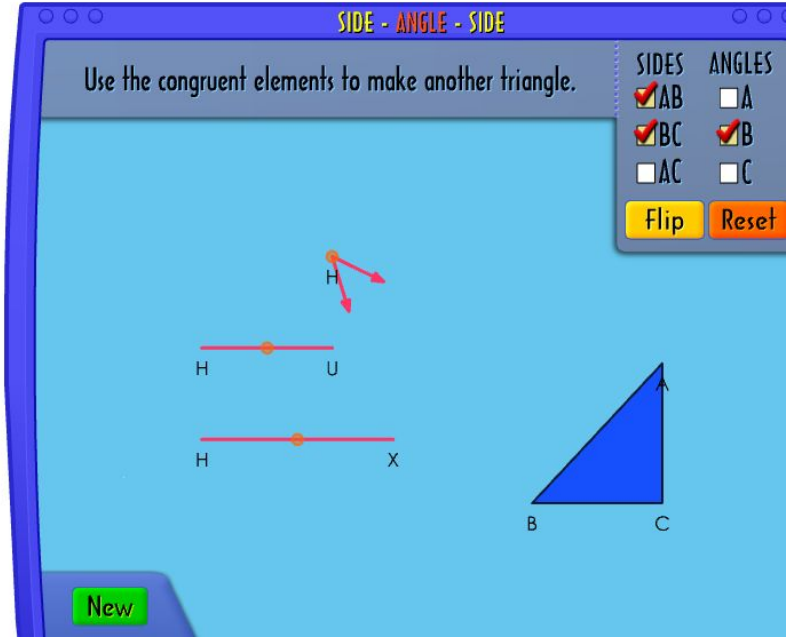
- **Online LAB on SSS, SAS, SSA, ASA, AAS, and AAA exploration**

Friday -

- Review Lab of each student and discuss layout of given info
- Review last test and work on problems in soft workbook
  - pg. 79 #1,2 Pg 80 #1,2,4,7 Pg 81 #1-4 Pg 82 #6,7

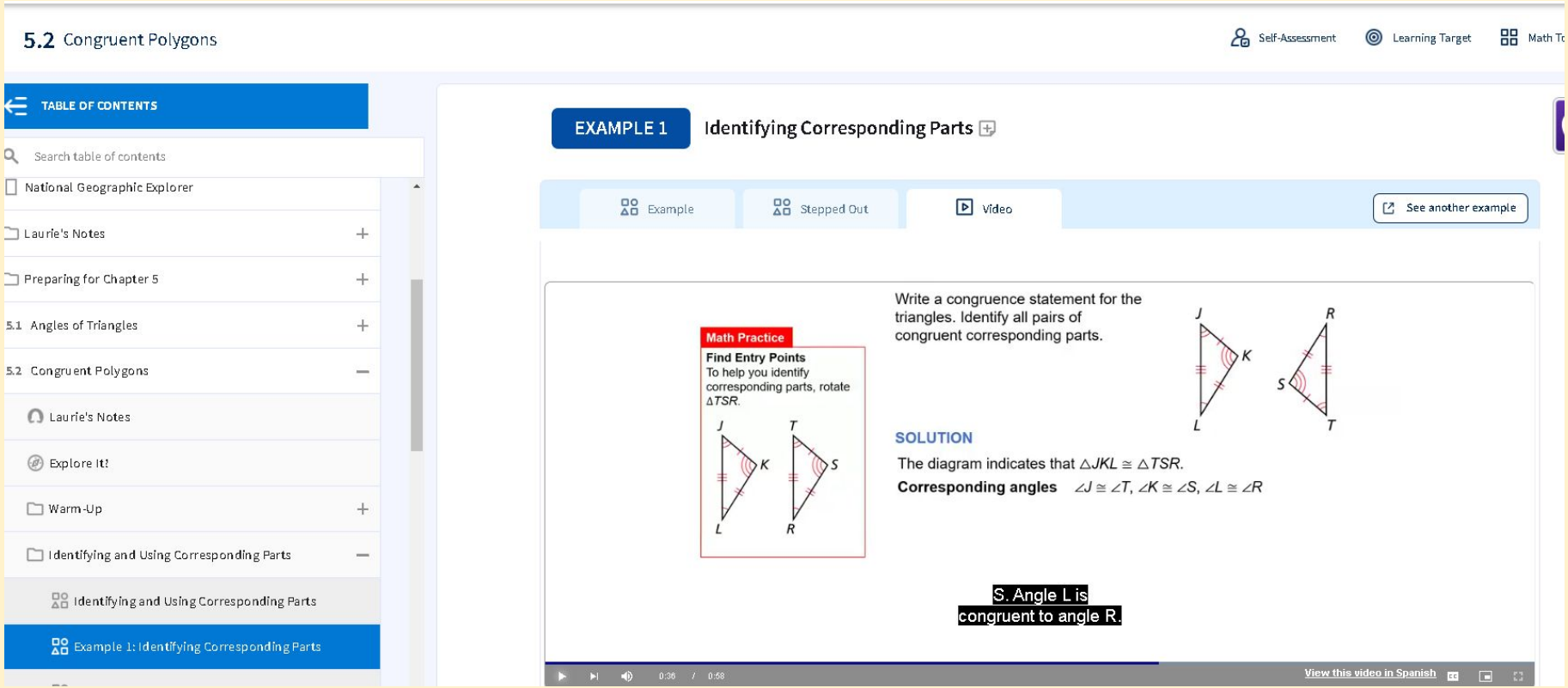
Sample of Activity & grade

Activity



Grade sheet:			
Item	Description	Congruence Demonstrated (yes.no)	Points
Classroom observation	Was the student working on a project in class?	-----	4 points
Linked/Shared in Google Classroom	Was their own document linked/shared?	-----	3 points
SSS (Side-Side-Side)	Was there a picture of 3 separate triangles shown?	Was there a congruence statement or why not an explanation?	3 points
SAS (Side-Angle-Side)	Was there a picture of 3 separate triangles shown?	Was there a congruence statement or why not an explanation?	3 points
SSA (Side-Side-Angle)	Was there a picture of 3 separate triangles shown?	Was there a congruence statement or why not an explanation?	3 points
AAS (Angle-Angle-Side)	Was there a picture of 3 separate triangles shown?	Was there a congruence statement or why not an explanation?	3 points
ASA (Angle-Side-Angle)	Was there a picture of 3 separate triangles shown?	Was there a congruence statement or why not an explanation?	3 points
AAA (Angle-Angle-Angle)	Was there a picture of 3 separate triangles shown?	Was there a congruence statement or why not an explanation?	3 points
		TOTAL	25

Tuesday Nov 12 Example Video -- student section



Week's Objectives

Section 5.3: Proving Triangle Congruence by SAS

Common Core State Standards: G.CO.B.8
Learning Target: Prove and use the Side-Angle-Side Congruence Theorem.
Success Criteria

- Use rigid motions to prove the SAS Congruence Theorem.
- Use the SAS Congruence Theorem.

Section 5.5: Proving Triangle Congruence by SSS

Common Core State Standards: G.CO.B.8
Learning Target: Prove and use the Side-Side-Side Congruence Theorem.
Success Criteria

- Use rigid motions to prove the SSS Congruence Theorem.
- Use the SSS Congruence Theorem.
- Use the Hypotenuse-Leg Congruence Theorem.

Vocabulary: legs of a right triangle, hypotenuse

Section 5.6: Proving Triangle Congruence by ASA and AAS

Common Core State Standards: G.CO.B.8
Learning Target: Prove and use the Angle-Side-Angle Congruence Theorem and the Angle-Angle-Side Congruence Theorem.
Success Criteria

- Use rigid motions to prove the ASA Congruence Theorem.
- Prove the AAS Congruence Theorem.
- Use the ASA and AAS Congruence Theorems.

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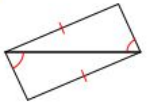
SSS, SAS, ASA, and AAS Congruence Date_____

State if the two triangles are congruent. If they are, state how you know.

1)



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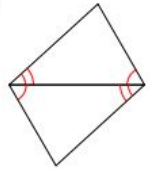

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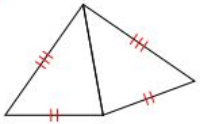

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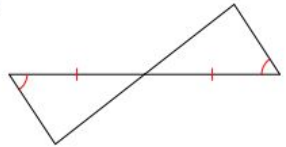

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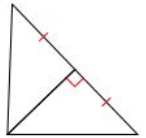
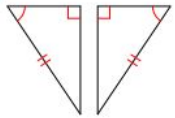
Right Triangle Congruence

State if the two triangles are congruent.

1)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