++AGENDAS FOR THE WEEK: *DATES Nov 7th-Nov 11th, 2022* *ROOM 270*

	MONDAY (A) 3:05 - 4:35	TUESDAY (B) 1:30 - 3:00	WEDNESDAY (A) 3:05 - 4:35	THURSDAY (B) 1:30 - 3:00	FRIDAY (A) 3:05 - 4:35
	Objective(s): SWBAT * prove two triangles are congruent by applying the Side-Angle-Side, Angle-Side-Angle, Side-Side-Side, Angle-Angle-Side, and Hypotenuse-Leg congruence conditions	HOLIDAY	**Objective(s): SWBAT** * prove two triangles are congruent by applying the Side-Angle-Side, Angle-Side-Angle, Side-Side-Side, Angle-Angle-Side, and Hypotenuse-Leg congruence conditions	**Objective(s): SWBAT** * prove two triangles are congruent by applying the Side-Angle-Side, Angle-Side-Angle, Side-Side-Side, Angle-Angle-Side, and Hypotenuse-Leg congruence conditions	**Objective(s): SWBAT** * verify theorems about the relationships in triangles, including… midsegments… and apply these relationships to solve problems
P	**Engage** Why do you think people use triangles in construction?		**Warm Welcome** Would you rather be able to talk to land animals, flying animals, or swimming animals?	**Warm Welcome** Would you rather be able to talk to land animals, flying animals, or swimming animals?	**Warm Welcome** Would you rather be able to be able to shrink/grow or be able to duplicate objects?
L **A**	**Explore** Students will name three side lengths to make a triangle on white boards and then compare them with each other. **Elaborate** Class will talk about how side side side congruence makes triangles not going to distort easily when used in construction. **Explore** They will then do the same with a given angle and two surrounding side lengths as well as an angle and two non-surrounding sides. **Explain** Students will fill out notes about the congruence shortcuts. **Practice** Students will practice identifying triangles as congruent using these shortcuts in practice problems		**Explore** In pairs, students will match up dominoes with one side of each domino being a problem diagram and another being SSS, SAS, etc. **Explain** Students will come together and share what they answered and why. **Practice** Students will practice identifying triangles as congruent and use that to solve problems.	**Explore** In pairs, students will match up dominoes with one side of each domino being a problem diagram and another being SSS, SAS, etc. **Explain** Students will come together and share what they answered and why. **Practice** Students will practice identifying triangles as congruent and use that to solve problems.	**Explore** Students will explore geogebra activities going over triangle proportionality and the midsegment theorem. **Explain** As a class, students will take notes over the triangle midsegment theorem **Practice** Class will work on “I do, we do, you do” activity before completing the practice problems in their packet.

N	**Evaluate** Practice Problems **Summary** Today we talked more about congruence of triangles, and how you don't need to know all of the information to determine congruence. You just need three pieces of information, and it can't be AAA or ASS (unless HL) **Assessment(s):** Formative assessment		**Evaluate** Congruence Exit Ticket **Summary** Today we wrapped up talking about congruence for triangles! We've used the shortcuts and we've practiced it together with CPCPT to solve problems! **Assessment(s):** Formative assessments, Exit Ticket	**Evaluate** Congruence Exit Ticket **Summary** Today we wrapped up talking about congruence for triangles! We've used the shortcuts and we've practiced it together with CPCPT to solve problems! **Assessment(s):** Formative assessments, Exit Ticket	**Evaluate** Midsegment Exit Ticket **Summary** Today we talked about how if you connect the midpoints of two sides together it forms a new triangle exactly half as big! **Assessment(s):** Formative assessment, Exit Ticket
Resources:	**Resource Requirements:** Daily PowerPoint	**Resource Requirements:** Daily PowerPoint	**Resource Requirements:** Daily PowerPoint	**Resource Requirements:** Daily PowerPoint	**Resource Requirements:** Daily PowerPoint