AGENDAS FOR THE WEEK: *September 4 – September 8* ***ROOM NUMBER:*** ***T214***

	MONDAY (A) PERIOD A1 8:15 – 9:50 PERIOD A2 10:00-11:40 PERIOD A3 12:35-2:10	**TUESDAY (B)** NOT TEACHING	**WEDNESDAY (A)** PERIOD A1 8:15 – 9:50 PERIOD A3 12:35-2:10	**THURSDAY (B)** NOT TEACHING	**FRIDAY (ADV A)** PERIOD A1 8:15 – 9:40 PERIOD A3 1:00 -2:25
	Objectives: Students will be able to… • Construct various geometric figures quickly and efficiently	**X**	Objectives: Students will be able to… • Explain the differences between the incenter, orthocenter, circumcenter, and centroid. • Use facts about these centers to find inscribed circles and lengths within a triangle. • Explain the relationship between a circle and the concept of the distance.	**X**	Objectives: Students will be able to… • Construct the Euler Line of a triangle. • Explain how the Euler Line differs in special triangles. • Recognize the steps for constructing various geometric figures.
P	I'll start the quiz day off by having students put up their phones, then briefly undergoing a review for the quiz that's student led (essentially, the review will only occur if they have questions). Once that's finished, I will hand out the quiz	**X**	I'll start the day by having students put up their phones, then checking their notes (which should be the sheets of patty paper from Monday). While I check their notes, I'll ask them to open the Socrative application and deal with tech issues as they arise.	**X**	I'll start the day by having students put up their phones, then checking their notes. I'll spend a minute or two talking about GeoGebra vs pen and paper (as the video used GeoGebra) and explain that we're going to be working with computers soon enough.
L **A**	The quiz will go over problem sets 10-13 and consists of 6 constructions. After students take the quiz they will be able to choose whether to correct and resubmit homework or work on their video notes for the next class. The video notes for the next class consist of patty paper constructions, and I will hand out 4 sheets of patty paper, to use at school or at home.	**X**	I'll start with an interactive lecture that goes over the points about the centers of a triangle from the video (especially the distance property of the centroid) and goes over what an inscribed circle means in terms of distance. This lecture will be largely like a regular lecture, except instead of calling on students they'll answer questions through the Socrative tool. Then, students will work on problem set 14 traditionally. This will consist of 15 problems about triangle centers and circles, including one construction. I'll walk around the classroom, check on the students, and attempt to guide them with questioning. After they complete it, they'll have the opportunity to work on corrections for prior homework sets or watch the next day's video.	**X**	I'll start by working through difficult problems from last class. I'll continue with a brief lecture that reviews the Euler line, making sure students know which centers it goes through and about its properties regarding the centroid. Then, students will work on problem set 15, consisting of 6 problems concerning the Euler Line, including two constructions and 8 review problems. I'll walk around the classroom, check on the students, and attempt to guide them with questioning. After they complete it, they'll have the opportunity to work on corrections for prior homework sets or watch the next day's video.

N	The quiz serves as the day's evaluation. At the end of class students will be reminded to get their phones and put away their materials, as well as to store the patty paper in their backpacks, as these will be their notes checked on Wednesday.	**X**	To close out the class, students will be reminded to get their phones and put away their materials. At the beginning of next class, students will go over frequently missed problems from the previous homework, properly closing out the class.	**X**	To close out the class, students will be reminded to get their phones and put away their materials. At the beginning of next class, students will go over frequently missed problems from the previous homework, properly closing out the class.
Resources:	Straightedge and compass, as well as 4 sheets of patty paper, all in the classroom		**Straightedge and compass, in the classroom, as well as a phone or computer, possessed by each student (the school gives out Chromebooks often required in other classes).**		**Straightedge and compass, in the classroom.**