Agendas for the Week: *March 18th – March 22nd , 2013 Geometry Regular – 6th Period*

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|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
|  | **PERT Testing** | **Objective(s):** SWBAT- Find measures of angles formed by lines intersecting on or inside a circle. Find measures of angles formed by lines intersecting outside the circle. **NGSSS:**MA.912.G.6.2 Define and identify: circumference, radius, diameter, arc, arc length, chord, secant, tangent and concentric circles. **Low**MA.912.6.4 Determine and use measures of arcs and related angles (central, inscribed, and intersections of secants and tangents). **Moderate** **SECTION 10.6 Part 2**  | **Objective(s):** SWBAT- Find measures of segments that intersect in the interior of a circle. Find measures of segments that intersect in the exterior of a circle. **NGSSS:**MA.912.6.4 Determine and use measures of arcs and related angles (central, inscribed, and intersections of secants and tangents). **Moderate** MA.912.G.4.5 Apply theorems involving segments divided proportionally. **Modaerate.** **SECTION 10.7** | **Objective(s): SWBAT**- Write the equation of a circle. Graph a circle on the coordinate plane. **NGSSS:** MA.912.G.6.6 Given the center and the radius, find the equation of a circle in the coordinate plane or given the equation of a circle in center-radius form, state the center and the radius of the circle. **Moderate**MA.912.G.6.7Given the equation of a circle in center radius form or given the center and the radius of a circle, sketch the graph of the circle. **Moderate****SECTION 10.8** | **Objective(s):** SWBAT**NGSSS:**Whole chapter**REVIEW**Test review The teacher will make this.  |
| **P****L****A****N** | **Engage:** We will begin with a review of part one of the section that was taught on Thursday. Students will do a warm up (problems 1-3 in their workbook on page 134).  | **Engage:** Teacher will check and go over homework.**Explore:** Students will complete numbers 1, 4, and 7 on page 135 with the guidance of the teacher. Students will formulate formulas and will apply them to the remaining problems on page 135. (6 problems)**Explain:** Students will share their findings with one another and then as a whole class discussion after the explore. **Elaborate:**Students will work in their WB on page 136 #10. We will discuss the word problem if time permits.  | **Engage:** Teacher will check and go over homework.**Explore:** Students have already worked with equations of circles in the past so this will be a review. Students will work in groups to create the equations and graph the circles on page 137.  **Explain:** Students will share their findings with one another and then as a whole class discussion after the explore. **Elaborate:** Students will work in their WB on page 138 #11 if time permits.  |
| **Explore:** Teacher will show students problem in WB pg. 133 # 7-9 and we will talk through how do these problems. Students will apply their theory to #11 and #12. **Explain:** Students will share their findings with one another and then as a whole class discussion the explore. **Elaborate:**Students will work in their WB on page 133 #7-12.  |
| **Evaluate and Summary:**Exit Slip for formative assessmentHomework: WB pg. 134 #4-10 | **Evaluate and Summary:**Exit Slip for formative assessmentHomework: WB pg. 136 all | **Evaluate and Summary:**Exit Slip for formative assessmentHomework: WB pg. 184 all |
| **Resources:** | ELMO, Student Workbook | ELMO, Student Workbook | ELMO, Student Workbook | Review worksheet |