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.6.7  Given 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 assessment  Homework: WB pg. 134 #4-10 | **Evaluate and Summary:**  Exit Slip for formative assessment  Homework: WB pg. 136 all | **Evaluate and Summary:**  Exit Slip for formative assessment  Homework: WB pg. 184 all |
| **Resources:** | ELMO, Student Workbook | ELMO, Student Workbook | ELMO, Student Workbook | Review worksheet |