Agendas for the Week: *February 11th – February 15th, 2013 Geometry Honors – 5th Period*

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|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
|  | Chapter 8 Test  (The teacher has this test, I do not.) | Objective(s):SWBAT  \* define a circle, a sphere, and terms related to them. Recognize inscribed polygons and circumscribed circles.  **NGSSS:**  **MA.912.G.6.1** Determine the center of a given circle. Given three points not on a line, construct the circle that passes through them. Construct tangents to circles. **High** Circumscribe and inscribe circles about and within triangles and regular polygons  **MA.912.G.6.2** Define and identify: circumference, radius, diameter, arc, arc length, chord, secant, tangent and concentric circles **Low**  **MA.912.G.7.4** Identify chords, tangents, radii, and great circles of spheres. **Low**  **New Vocabulary:**  circle, center, radius, chord, secant, diameter, tangent, point of tangency, sphere, congruent circles, congruent spheres, concentric circles, concentric spheres, inscribed in a circle, circumscribed about the polygon  **Citation:**  Ideas and Resources a contribution from both Lil Rogers, and Richard Madolid.  **9-1 Basic Terms** | **Objective(s):** SWBAT  \* apply theorems that relate tangents and radii. Recognize circumscribed polygons and inscribed circles.  **NGSSS:**  **MA.912.G.6.1** Determine the center of a given circle. Given three points not on a line, construct the circle that passes through them. Construct tangents to circles. **High** Circumscribe and inscribe circles about and within triangles and regular polygons  **MA.912.G.6.2** Define and identify: circumference, radius, diameter, arc, arc length, chord, secant, tangent and concentric circles **Low**  **MA.912.G.6.3** Prove theorems related to circles, including related angles, chords, tangents and secants. **High**  **New Vocabulary:**  Circumscribed about the circle, inscribed in the polygon  **Citation:**  Ideas and Resources a contribution from both Lil Rogers, and Richard Madolid.  **9-2 Tangents** | **Objective(s):** SWBAT  \* define and apply properties of arcs and central angles.  **NGSSS:**  **MA.912.G.6.2** Define and identify: circumference, radius, diameter, arc, arc length, chord, secant, tangent and concentric circles **Low**  **MA.912.G.6.4** Determine and use measures of arcs and related angles (central, inscribed, and intersections of secants and tangents). **Moderate**    **New Vocabulary:**  Minor arc, major arc, semicircles, measure of a minor arc, measure of a major arc, measure of a semicircle, adjacent arcs, congruent arcs  **Citation:**  Ideas and Resources a contribution from both Lil Rogers, and Richard Madolid.  **9-3 Arcs and central Angles** | **No School** |
| **P**  **L**  **A**  **N** | **Engage:**  Share and discuss Circle Illusion” | Students will work on their do Now.  Review Homework problems.  Go through the powerpoint as a class. Stop for class discussions about examples. Engage in small group brainstorming about given problems. | Review Homework problems.  Go through the powerpoint as a class. Stop for class discussions about examples. Engage in small group brainstorming about given problems. |
| **Explore:**  Students will explore circle terms through discovery.  **Explain:**  We will discuss student findings as a class.  **Elaborate:**  Students will identify all terms they can from large circle (provided). |
| **Evaluate and Summary:**  Students complete an exit ticket prior to leaving.  Classwork: pg. 330 #1-8, 10, 11  Homework: 330 #2-18 even | **Evaluate and Summary:**  Students complete an exit ticket prior to leaving.  Classwork: pg. 335 #1-5  Homework: 335 # 1-6, 10, 14, 16-18 | **Evaluate and Summary:**  Students complete an exit ticket prior to leaving.  Classwork: pg. 341 #1-13  Homework: 341 # 1-6, 8, 10, 14  Student Worksheet |
| **Resources:** | Student Tests | ELMO, exit ticket, student textbook, student worksheet | ELMO, exit ticket, student textbook | ELMO, exit ticket, student textbook, student worksheet |