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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **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, 11Homework: 330 #2-18 even | **Evaluate and Summary:**Students complete an exit ticket prior to leaving. Classwork: pg. 335 #1-5Homework: 335 # 1-6, 10, 14, 16-18 | **Evaluate and Summary:**Students complete an exit ticket prior to leaving. Classwork: pg. 341 #1-13Homework: 341 # 1-6, 8, 10, 14Student Worksheet |
| **Resources:** | Student Tests | ELMO, exit ticket, student textbook, student worksheet | ELMO, exit ticket, student textbook | ELMO, exit ticket, student textbook, student worksheet |