Agendas for the Week: *February 25th – March 2st, 2013 Geometry Regular – 6th Period*

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|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
|  | **Objective(s):** SWBAT- draw glide reflections and other compositions of isometries in the coordinate plane. - draw compositions of reflections in parallel and intersecting lines. **NGSSS:****MA.912.G.2.4** Apply transformations to polygons to determine congruence, similarity, and symmetry. Know that images formed by translations, reflections, and rotations are congruent to the original shape. **High** | **Objective(s):** SWBAT- draw reflections, translations, rotations, compositions, symmetries, dilations. **NGSSS:****MA.912.G.2.4** Apply transformations to polygons to determine congruence, similarity, and symmetry. Know that images formed by translations, reflections, and rotations are congruent to the original shape. **High** | **Objective(s):** SWBAT* Test.

**NGSSS:****MA.912.G.2.4** Apply transformations to polygons to determine congruence, similarity, and symmetry. Know that images formed by translations, reflections, and rotations are congruent to the original shape. **High** | **Objective(s): SWBAT**- identify and use parts of circles. Solve problems involving the circumference of a 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.G.6.5** Solve real-world problems using measures of circumference, arc length, and areas of circles and sectors. **High****Section 10.1****New Vocabulary**Circle, center, radius, radii, chord, diameter, congruent circles, concentric circles, circumference, pi, inscribed, circumscribed | **Objective(s):** SWBAT- identify central angles, major arcs, minor arcs, and semicircles, and find their measures. Find arc lengths. **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****MA.912.G.6.5** Solve real-world problems using measures of circumference, arc length, and areas of circles and sectors. **High****New Vocabulary**Central angle, arc, minor arc, major arc, semicircle, congruent arcs, adjacent arcs, arc length |
| **P****L****A****N** | **Engage:**Do Now: Add final entry into foldable. Dilations.  | **Engage:**Do Now: Address questions from the Exit slip from the previous day.  | Test Chapter 9 (The teacher is making this.)  | **Engage:**Do Now:Students will write a definition for “circle” | **Engage:**Do Now: What is the angle measure between each hour on a clock?  |
| **Explore:** Students will explore compositions of transformations in terms of reflections in parallel lines, and reflections in intersecting lines. We will reference the following website to explore: <http://www.mathwarehouse.com/transformations/reflections-theorem.php>We will also review the chapter using a review sheet the teacher makes. **Explain:** We will discuss our findings and can reference additional problems in the WB.**Elaborate:** Students will create their own problem to reflect across lines.  | Test review continued. Students will work in groups on the review sheet and then we will go over all questions as a class. (the teacher is making this.)  | **Explore:** Students will determine circle relationships through measuring different circular objects.**Explain:** Students will share their findings with the class. **Elaborate:**Students will apply what they know to the WB pg. 123.  | **Explore:** Students will work with the teacher to answer the questions. The teacher will edit some to include length so that students must find the arc length as well. <http://www.kutasoftware.com/FreeWorksheets/GeoWorksheets/11-Arcs%20and%20Central%20Angles.pdf>**Explain:**Students will share their answers as we go over questions as a class. **Elaborate:**We will do white board practice using WB pg. 125 |
| **Evaluate and Summary:**Exit Slip for formative assessmentHomework: Textbook pg. 646 # 17-20  | **Evaluate and Summary:**Homework: Textbook pg. 675 all.  | **Evaluate and Summary:**Exit Slip for formative assessmentHomework: WB pg. 124 all | **Evaluate and Summary:**Exit Slip for formative assessmentHomework: WB pg. 126 all |
| **Resources:** | ELMO, Student Workbook, Student Worksheets | ELMO, Student Workbook, Student Worksheets | ELMO, Student Workbook, Student Worksheets | ELMO, Student Workbook, Student Worksheets |