<table>
<thead>
<tr>
<th>LESSON PLANS</th>
<th>WEEK OF:</th>
<th>November 12, 2018</th>
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<tbody>
<tr>
<td>Period</td>
<td>Third</td>
<td>Fifth</td>
</tr>
<tr>
<td>Subject</td>
<td>Algebra I</td>
<td>Geometry</td>
</tr>
<tr>
<td>Grade(s)</td>
<td>9th</td>
<td>10-12</td>
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<tr>
<td>NE SS#</td>
<td>MA12.6.1</td>
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**Monday**

- **Objective**: Review of Lessons 5 & 6
  - **Activity**: Lesson 4-7 Isometries
  - **Assign**: Review concepts from lessons 5 through 6
  - **Worksheet**: p. 227-229 (2-18)

**Tuesday**

- **Objective**: Review of Lesson 4-6 for kids left in class. Majority at EHC One-Acts
  - **Activity**: Chapter 4 Quiz(sec. 4-6)
  - **Assign**: None

**Wednesday**

- **Objective**: Chapter 4 Quiz over sections 4 through 6
  - **Activity**: Review all concepts of Chapter 4
  - **Assign**: Quiz (sec. 4-6)

**Thursday**

- **Objective**: Lesson 4-7 Equivalent Formulas
  - **Activity**: p. 224-226 (2-22)

**Friday**

- **Objective**: Lesson 4-8 Compound Inequalities, And and Or
  - **Activity**: p. 231-233 (2-24)

**Objective**

- **Activity**: Lesson 4-7 Transformations and Matrices
  - **Assign**: Chapter 4 Quiz(sec. 4-6)

- **Activity**: Chapter 4 Quiz sec. 4-6
  - **Assign**: Lesson 4-7 Scale-Change Images of Trigonometric Functions

- **Activity**: Chapter 4 Review
  - **Assign**: Lesson 4-8 Translations of Trigonometric Functions

- **Activity**: Lesson 4-4 The Graph Standardization Theorem
  - **Assign**: Lesson 4-8 Matrices for Rotations

- **Activity**: Lesson 5-1 When Are Figures Congruent
  - **Assign**: Lesson 4-9 The Graph Standardization Theorem

- **Activity**: Lesson 4-9 Rotations and Perpendicular Lines
  - **Assign**: Review of Lessons 7,8

- **Activity**: Review concepts from lessons 7,8
  - **Assign**: p. 227-229 (2-18)

- **Activity**: Make and justify conclusions about congruent figures
  - **Assign**: p. 255-256 (2-24)

- **Activity**: Recognize relationships between figures and their rotation images - Teleate certain rotations to matrices, and vice versa - Graph figures and their rotation images
  - **Assign**: p. 265-268 (2-24)

- **Activity**: Recognize properties of matrix operations - Relate transformations to matrices, and vice versa - Graph figures and their transformation images
  - **Assign**: p. 261-262 (2-22)

- **Activity**: Identify the amplitude, period, frequency, phase shifts of periodic functions - Write and solve equations for phenomena described by trigonometric functions - Graph and describe transformation images of graphs of trigonometric functions
  - **Assign**: Worksheet 4-7

- **Activity**: Write and solve equations for phenomena described by trigonometric functions - Graph and describe transformation images of graphs of trigonometric functions
  - **Assign**: Quiz

- **Activity**: Determine the isometry that maps one figure onto another
  - **Assign**: Worksheet 4-7

- **Activity**: Recognize properties of matrix operations - Relate transformations to matrices, and vice versa - Graph figures and their transformation images
  - **Assign**: p. 274-275 (2-20)

- **Activity**: Graph figures and their rotation images
  - **Assign**: p. 276-278 (2-26)