Name: Geometry Team **Course:** Pre-AP Geometry **Periods**: All **Date:** Jan. 5 – 9, 2015

<table>
<tr><th colspan="3">Monday</th></tr>
<tr>
<td>Objective:
-Update Lesson Plans
-Update SmartBoard Lesson
-Incorporate Computer Activities</td>
<td>Activities:
Teacher Work Day</td>
<td>Methodology
x☐ Application x☐ Lecture/ Notes
x☐ Audio/ Visual x☐ Coop. Learning
x☐ Demonstration ☐ Thinking Maps
x☐ Written ☐ Review/ Reteach
x☐Independent Study ☐ Other
☐ Manipulatives/ Hands-on</td>
</tr>
<tr>
<td>Language Objective:</td>
<td>HOTS:</td>
<td>Assessment:
x☐ Teacher Evaluation ☐ Portfolio
x☐ Peer/ Self-Evaluation ☐ Test/ Quiz
☐ Written/ Oral Presentation ☐ Other</td>
</tr>
<tr>
<td>Blooms:
x☐ Remembering x ☐ Analyzing
x☐ Understanding x ☐ Evaluating
x☐ Applying ☐ Creating
Modifications: Group Support/Peer Assistance Differentiated Instruction, Extended Time, Calculators, Computers, Internet</td>
<td>Content Specific Notes:
TEKS: Geom 2.A, Geom 1.A Geom 11.A, Geom 11.B, Geom 11.C, Geom 5.A</td>
<td>Materials/ Resources
☐ Textbook x☐ Technology
x☐ Worksheet ☐ Other</td>
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<tr><th colspan="3">Tuesday</th></tr>
<tr>
<td>Objective:
Students will able to identify Special Right Triangles, (30-60-90 and 45-45-90), and how to calculate their side lengths.</td>
<td>Activities:
*Do Now" warm up.
*Introduction to Special Right Triangles SB.
*Foldable Activity
*Internet Presentation
*Special RT Worksheet</td>
<td>Methodology
x☐ Application x☐ Lecture/ Notes
x☐ Audio/ Visual x☐ Coop. Learning
x☐ Demonstration ☐ Thinking Maps
x☐ Written x☐ Review/ Reteach
x☐Independent Study
☐ Other
☐ Manipulatives/ Hands-on</td>
</tr>
<tr>
<td>Language Objective:
Students will connect algebra and geometry vocabulary, and apply that vocabulary in speaking and written form.
Key Words: Right Triangle, Vertex, Hypotenuse, Legs, Radical</td>
<td>HOTS:
So what makes them different from other right triangles?

Where do they come from, and how can I recreate them?</td>
<td>Assessment:
x☐ Teacher Evaluation
☐ Portfolio
x☐ Peer/ Self-Evaluation
☐ Test/ Quiz
x☐ Written/ Oral Presentation
☐ Other</td>
</tr>
<tr>
<td>Blooms:
x☐ Remembering x☐ Analyzing
x☐ Understanding x☐ Evaluating
x☐ Applying x☐ Creating
Modifications:
Group Support/Peer Assistance</td>
<td>Content Specific Notes:
TEKS: Geometry 9B</td>
<td>Materials/ Resources
☐ Textbook x☐ Technology
x☐ Worksheet ☐ Other</td>
</tr>
</table>

Differentiated Instruction, Extended Time, Calculators, Computers, Internet		
Wednesday		
Objective: Students will able to identify Special Right Triangles, (30-60-90 and 45-45-90), and how to calculate their side lengths.	**Activities:** *Introduction to Special Right Triangles SB. *Foldable Activity *Internet Presentation *Special RT Worksheet	**Methodology** x☐ Application x☐ Lecture/ Notes x☐ Audio/ Visual x☐ Coop. Learning x☐ Demonstration ☐ Thinking Maps x☐ Written x☐ Review/ Reteach x☐Independent Study ☐ Other ☐ Manipulatives/ Hands-on
Language Objective: Students will connect algebra and geometry vocabulary, and apply that vocabulary in speaking and written form. **Key Words:** Right Triangle, Vertex, Hypotenuse, Legs, Radical	**HOTS:** So what makes them different from other right triangles? Where do they come from, and how can I recreate them?	**Assessment:** x☐ Teacher Evaluation ☐ Portfolio x☐ Peer/ Self-Evaluation ☐ Test/ Quiz x☐ Written/ Oral Presentation ☐ Other
Blooms: ☐ Remembering ☐ Analyzing ☐ Understanding ☐ Evaluating ☐ Applying ☐ Creating **Modifications** Group Support/Peer Assistance Differentiated Instruction, Extended Time, Calculators, Computers, Internet	**Content Specific Notes**: TEKS: Geometry 9B	**Materials/ Resources** ☐ Textbook x☐ Technology x☐ Worksheet ☐ Other
Thursday		
Objective: Students will learn the basics of trigonometry and how to find missing side lengths and angles.	**Activities:** *Do Now (Special RT) *Introduction to Trigonometry *Internet Video *Foldable Activity *Independent Practice: WS	**Methodology** x☐ Application x☐ Lecture/ Notes x☐ Audio/ Visual x☐ Coop. Learning x☐ Demonstration ☐ Thinking Maps x☐ Written x☐ Review/ Reteach x☐ Independent Study ☐ Other ☐ Manipulatives/ Hands-on
Language Objective: Students will connect algebra and geometry vocabulary, and apply that vocabulary in speaking and written form. **Key Words:** Sine, Cosine, Tangent, Opposite, Adjacent, Hypotenuse	**HOTS:** Can you think of special uses for trigonometry? What phrases can you create with the letters SOHCAHTOA?	**Assessment:** x☐ Teacher Evaluation ☐ Portfolio ☐ Peer/ Self-Evaluation ☐ Test/ Quiz x☐ Written/ Oral Presentation ☐ Other
Blooms: x☐ Remembering x☐ Analyzing x☐ Understanding x☐ Evaluating x☐ Applying x☐ Creating	**Content Specific Notes**: Geometry 9A	**Materials/ Resources** ☐ Textbook x☐ Technology x☐ Worksheet ☐ Other

Modifications: Group Support/Peer Assistance Differentiated Instruction, Extended Time, Calculators, Computers, Internet		
Friday		
Objective: Students will learn the basics of trigonometry and how to find missing side lengths and angles.	**Activities:** *Do Now (Special RT) *Introduction to Trigonometry *Internet Video *Foldable Activity *Independent Practice: WS	**Methodology** x☐ Application x☐ Lecture/ Notes x☐ Audio/ Visual x☐ Coop. Learning x☐ Demonstration ☐ Thinking Maps ☐ Written x☐ Review/ Reteach x☐Independent Study ☐ Other ☐ Manipulatives/ Hands-on
Language Objective: Students will connect algebra and geometry vocabulary, and apply that vocabulary in speaking and written form. **Key Words:** Sine, Cosine, Tangent, Opposite, Adjacent, Hypotenuse	**HOTS:** Can you think of special uses for trigonometry? What phrases can you create with the letters SOHCAHTOA?	**Assessment:** x☐ Teacher Evaluation ☐ Portfolio x☐ Peer/ Self-Evaluation ☐ Test/ Quiz x☐ Written/ Oral Presentation ☐ Other
Blooms: x☐ Remembering x☐ Analyzing x☐ Understanding x☐ Evaluating x☐ Applying x☐ Creating **Modifications:** Group Support/Peer Assistance Differentiated Instruction, Extended Time, Calculators, Computers, Internet	**Content Specific Notes**: Geometry 9A	**Materials/ Resources** ☐ Textbook x☐ Technology x☐ Worksheet ☐ Other