Student Centered Lesson Plan

Name: Geometry Team **Course:** Geometry (Pre-AP) Period: 1 & 4 - 8 **Date:** 01/21 to 01/22

Wednesday (01/21) - Thursday (12/22/15)

Objective:

1. Students will be able to determine the perimeter of triangles
2. Students will be able to determine the area of a triangles.

Activities:

1. Students will take "Do Now" on spiraling based on first and review for DLA. Teacher will do the correction on "Do Now" for correction spiraling. Students will take notes. Teacher will check for understanding (7 minutes).
2. **Modeling**: Teacher introduces lesson and direction. Teacher models the perimeter and area of a triangle (12 minutes).
3. Students takes notes as teacher introduces and presents directions. Teacher checks for understanding.
4. **Collaboration:** Students seat in collaborative group of 4- 5 to solve the modelled problems on perimeter and area of triangles. Teacher works around the group to further check for understanding and also pay more attention to assist the special need and English learners. Teacher checks for understanding at the end of group work. At the end of group work, student is chosen at random to present group work (30 min)
5. **Independence**: Student begin independent practice (30 min).
6. **Exit ticket**: Students writes down or share what they have learnt for the day (5 min).

Methodology

- ☑ Application
- ☑ Audio/ Visual
- ☑ Demonstration
- ☑ Written
- ☑ Independent Study
- ☑ Manipulatives/ Hands-on
- ☐ Lecture/ Notes
- ☑ Coop. Learning
- ☑ Thinking Maps
- ☑ Review/ Reteach
- ☑ Other

Language Objective:

Students will be able to demonstrate the understanding of the vocabularies: perimeter, triangle, altitude, base, height, side lengths, right triangles, and scalene triangle, isosceles and equilateral triangles.

HOTS:

How far would I have run round the periphery the field of a stadium? What is portion of the football field is covered by the rectangular soccer playing field?

Assessment:

- ☑ Teacher Evaluation
- ☑ Portfolio
- ☑ Peer/ Self Evaluation
- ☑ Test/ Quiz
- ☑ Written/ Oral
- ☑ Presentation Other

Blooms:

- ☑ Remembering
- ☑ Understanding
- ☑ Applying
- ☑ Analyzing
- ☑ Evaluating
- ☑ Creating

Modifications:

Differentiate Instruction Group
Support
Peer Assistance

Content Specific Notes:

GEOM.11B, GEOM.11D , GEOM.8A, GEOM.8E

Materials/Resources

- ☑ Textbook
- ☑ Technology
- ☑ Worksheet
- ☑ Other