LESSON PLAN

Week of: 4/20/2020--4/24/2020   **Class: Integrated Math I**

Topic/Assignment Name:
Definitions of rigid transformations/Module 6.4 Due Mon,5/4//2020

Rotational symmetry and lines of symmetry of quadrilaterals/Module 6.5 Due Mon, 5/4//2020

Rotational symmetry and lines of symmetry of regular polygons/Module 6.6 Due Mon, 5/4/2020

Lesson Activities

Objective/Goal:
Module 6.4: Students will write and apply formal definitions of rigid-motion transformations; translation, rotation, and reflection. Students will write equations of reflection lines and perform rotations on the coordinate plane. Students will review attributes/definitions of quadrilaterals.

Module 6.5 Students will define rotational symmetry and lines of symmetry of quadrilaterals and use definitions to name rotation or line of symmetry and perform rotations and reflections of quadrilaterals. Students will review attributes/definitions of polygons.

Module 6.6: Students will define rotational symmetry and lines of symmetry of regular polygons and use definitions to name rotation or line of symmetry and perform rotations and reflections of regular polygons. Students will review rotation/reflection on the coordinate plane.

Activity/Outline: Students will access their assignments that are included in Module 6 by going to Mr. Gasparotti's Google Classroom (or paper packets). You must make copies (or write-out problems/answers) of the module (6.1-6.14) that is now on Mr. Gasparotti's Google Classroom. Students will take pictures of all work and send the work to Gaspo (or turn in the work on turn in days).

Students will take the Module 6 Quiz (probably early May) and then send photos of their work to Mr. Gaspo. If photos are not an option...then save your stuff and turn it in on turn in day.

Students will complete modules and then use the answer sheet to check their work. Students will calculate a percentage grade, write the grade on their assignment and then send pictures of completed work to Mr. Gasparotti.

Remember much of this material is review. Students will have access to answers that can be used to help understand concepts.

Notes/Resources:

Mr. Gasparotti has a Google Classroom for 6th Period Integrated Math I class. I have PDF copies of all Module 5 materials. Students can download all materials as needed.

If students have difficulties, I recommend going to Kahn academy and searching under ninth grade or high school math for "key" words such as "combine function" or "function notation". Also just search Google using the same keywords. Mr. Gasparotti will also answer specific questions via Google Classroom or through the number: 208-953-1509.