## Instructional Goals

**Students will:**
- Students will be able to pass the test with at least a 70%.

## Rationale

- I am testing my students to see how much they learned about Geometry.

## Objectives

The students will be able to:
- To find the degree measure of angles using relationships between angles and circles.
- Use physical models to determine the sum of the interior angles of triangles and quadrilaterals. NCTM Geometry and Spatial Sense Standard 5.
- Identify and select appropriate units to measure angles, i.e. degrees. NCTM Measurement Standard 1.
- Use standard language to describe line, ray, parallel, and perpendicular. NCSS Geometry and Spatial Sense Standard #2.
- Describe and use properties of congruent figures to solve problems.
- Discover what regular polygons will tessellate and which do not.

## Resources

- GeO Fun Board
- Die
- Four Game Pieces
- GeO Questions
- Overheads with Angles, Triangles, and Line Segments
- Review Guide
- Dry Erase Board
- Dry Erase Marker
- Test
- Geometry Template
- Comapss

## Procedures (Three Components)

### I. Readiness/Motivation for Lesson

- Students will be divided up into four teams with about four to five students each.

**Allotted Time:** 45 mins
The students will remain in their assigned seats and play one at a time but as a team. I will read the questions to the class and have them answer it on their dry erase board while the student that is up front answers it on the chalk board.

II. Lesson Focus
   Allotted Time: 60 mins
   - Students will be given the full hour to complete the test. Each student will have the same amount of time, unless they are one of the few students that needs more time. Test will be handed out face down, and then students will be instructed to turn it over. Protractors and Compasses will be provided for the students.

III. Closure to Lesson
   Allotted Time:
   - If students do not finish for some reason, set up a time for them to come finish the test.

Follow-Up (Enrichment)

IV. Assessment
   - Test will be graded on a point by point base. The test is worth 25 points. Test will be graded and returned the next day. Students will be given the time in class to correct their test for half the points back.