Geometry Course Syllabus

Course Title: Geometry

Grade Level(s): 9 - 12

Instructor: Jason Dias
Plan Period: 1st hour
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Course Description:

The main objective of Geometry is to develop the student's ability to think in an orderly fashion. This will be accomplished through theorems, postulates, and definitions being organized into geometric proofs. Polygons, circles, loci, ratios, proportions, and constructions will also be covered. WEIGHT: 1.2

Course Objectives:

GEO-1   The student will determine the equations of lines using parallel and perpendicular equations

GEO-2   The student will work through and understand two-column proofs

GEO-3   The student will demonstrate the ability to work and solve problems involving circles

GEO-4   The student will use geometric postulates to solve real life problems

GEO-5   The student will demonstrate the knowledge of shapes and angles through construction.

Instructional Strategies/Learning Activities:
*Lectures and guided practice***:** Lectures will be a part of everyday class. Lectures will cover the new material along with example problems done as a class.
Cooperative Learning: Other activities done in class will be EOC preparation and critical thinking problems. These will be done in both groups and individual practices.
Technology: The graphing calculator and the senteo response system will be helpful tools to influence new and old material.

Student Grade Will be Based Upon:

Homework will be given on a daily basis and possible quizzes will be given once a week. This is 40% of your grade. *Take notice* that homework will be graded at the beginning of each class period and *all work* must be shown for full credit.

Tests will be given every four to five lessons unless instructed otherwise. Tests will count as 55% of your grade.

Binders with organized notes will be worth 5% of your quarterly grade

Make-up work /NO LATE WORK!!!!

Each student is responsible for his/her own work. Missed work must be completed within 2 days of the day missed or before a chapter test or the points will not be rewarded.

*Late homework will **NOT** be accepted*!! The only exception is an excused absence or a justified reason why you did not get your work done. In this case I will work with you to get the work turned in. Math is linked together like a puzzle, and if a part of the puzzle is skipped, further progress is delayed. If something is not understood, I am always willing to help.

Be courteous to others and always have a positive attitude.

Classroom Rules/Expectations:

1. Be in class on time
2. Respect others and be polite
3. Bring all materials to class
4. Follow directions