

Geometry
Coach Kniffen
F214

Welcome to Geometry!

This course is designed to emphasize the study of the properties & applications of common geometric figures in two & three dimensions. It is essential that you attend class prepared and keep a positive attitude. I'm glad you are here and want you to be as well.

Academic expectations include the following:

- Read mathematical problems actively and critically.
- Write effective solutions to problems, including steps in your thinking process.
- Present solutions to problems effectively.
- Use a graphing calculator to solve mathematical problems.
- Employ multiple critical and creative thinking strategies in reasoning and problem solving.
- Demonstrate a knowledge and appreciation of how mathematics can be used outside the mathematics classroom.

Curriculum time-line:

Fall Semester - Logical Reasoning; Properties & Applications of Points, Lines, Planes & Triangles; Transformations

Spring Semester - Properties & Applications of Polygons & Circles; Area, Surface Area & Volume of 2D & 3D Geometric Figures; Probability

Please keep the following expectations in mind each day so that we may all have a great year.

- Be Prepared Daily
- Be Respectful
- Follow the District and Classroom policies

Grading:

- Re-test/Test: Students will be Re-Tested on each concept on the *next* test. Frequently missed past test questions will be spiraled into each new unit to help prepare daily. Students who fail a test should also consider attending tutorials to see what was missed & what should be studied further to be successful on the ReTest. The ReTest can bring a failing test grade up to a maximum of a 70.
- Late work: 10 points per day for 3 days, grade becomes a 0 after 5 days
Excused absences will follow the KISD Grade Policy

Academic Honesty: Student will be expected to do their own work and exhibit academic honesty. Students who choose to break the Honor Code will be subjected to grade & disciplinary consequences.

Materials Needed EACH Day:

- 1in binder (or dedicated section of a binder) to organize daily notes, assignments, etc.
- Notebook paper - for homework and other assignments
- Pencils - for daily use

Online McGraw Hill text book access:

<https://connected.mcgraw-hill.com/connected/login.do>

Contact information:

Email: kirk.kniffen@kerrvilleisd.net

Website: <https://www.kerrvilleisd.net/Page/2004>

Have a great year and TFND!!