



Metea Valley High School

Geometry Survey

Mrs. Johnson
www.mrsnjohnson.com

Spring, 2012

Goals: This is a geometry course designed to provide understanding of all the usual geometrical concepts, without the rigor of writing out formal Geometry proofs. The course content continually builds on itself, so understanding early material (**specific emphasis on the vocabulary**) will greatly enhance success throughout the course. Projects will be assigned to help students see true applications of certain Geometry topics. Group-work and individual work is assigned throughout the course and students are expected to fully and actively participate in every assignment to gain mastery of the material.

1st Semester Topics Include:

- Reasoning in Geometry
- Segment Measure & Coordinate Graphing
- Angles
- Parallel Lines & Planes
- Triangles & Congruence
- Triangle Inequalities

2nd Semester Topics Include:

- Quadrilaterals
- Proportions & Similarities
- Polygons & Area
- Surface Areas & Volumes
- Geometry Standardized Test Review
- Right Triangles & Trigonometry
- Circle Relationships

Daily Assignments and Homework: Homework will be assigned on a daily basis. You are responsible for keeping an organized notebook/binder containing all assignments and notes. This binder will be collected and graded periodically. **You are expected to obtain and write in pencil only in this class; not doing so will reflect in a grade of zero on the assignment. Assignments are found on the website listed above.**

Grading Scale: In this course, grades will be calculated using the following WVHS scale:

100-91% A 90-81% B 80-71% C 70-65% D <65% F

Homework and participation will account for 35% of your grade. Test and quizzes will account for the remaining 65%.

- **Academic Responsibility:** As a student of geometry, you are expected to work hard, complete every homework assignment, and actively participate in class on a daily basis. However, your individual responses are expected to reflect your individual knowledge, not that of your peers. Duplicate work (resembling other student's work) is unacceptable.

Help: I am available for help before and after school on most days; however, it is best if you make an appointment so that I may plan accordingly.

Student Name

Parent Name

Student Printed Name

Parent Printed Name