

Geometry – Course Syllabus

Instructors Mr. Randall

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School Johnson Senior High

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Course Description:

This is a complete high school geometry course that meets and exceeds the Minnesota Standards in Geometry. Emphasis is placed on the understanding, application, and development of geometric properties in two and three dimensions. Additionally, an effort is made to consistently connect geometry topics with algebra concepts students studied in Algebra 1 and will return to in Algebra II following this course. Topics studied in Geometry include:

1. Foundations for Geometry
2. Geometric Reasoning
3. Parallel and Perpendicular lines
4. Triangle Congruence
5. Properties and Attributes of Triangles
6. Polygons and Quadrilaterals
7. Similarity
8. Right Triangles and Trigonometry
9. Extending Perimeter, Circumference and Area
10. Spatial Reasoning
11. Circles
12. Extending Transformational Geometry

Required Student Materials:

- Folder
- Notebook
- Pencils
- Scientific Calculator

Grading Policy: (Johnson grading scale will be used)

Test/ Quizzes (Summative) 70%

Homework (Formative) 30%

Unit Assessment/Quizzes/Exams:

There will be in-class assessments at the end of each unit, and quizzes may be given at any time. In addition, a semester exam will be given at the end of each semester.

Homework/Classwork:

Expect homework on a daily basis. For the most part, homework is due the day after it is assigned, and must be completed prior to the start of class. After two days home work will be marked as late and given half credit. All problems should be adequately attempted and evidence for your efforts must be shown on paper. Students may receive partial credit for incomplete homework.

Attendance/Participation:

You are expected to be prepared, participate in group discussions, work together on activities, answer questions posed by the teacher, present solutions to homework problems to the class, take notes on all activities, and follow general directions.

It is very important that you attend class daily. You will need to be up-to-date with the material at all times since most of the topics build upon each other. If you are absent, it is your responsibility to find out what you have missed.

Students can receive extra assistance from me:

- a) From 7:30am till school starts in the morning.
- b) After school.
- c) PLEASE, get help before falling behind!

Student Name(Printed)_____

Student Signature:_____Date:_____

Parent Signature:_____Date:_____