

Advanced Geometry

Mr. Janousek

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2015-2016 School Year

Room 419

Course Description

We will develop our knowledge and understanding of geometric concepts such as; points, lines planes, theorems, axioms, mathematical proofs, similarity, congruence, quadrilaterals, and three-dimensional figures. Throughout the year you will complete assignments, assessments and projects designed for demonstrating your understanding of these topics while learning about Geometry's applications to the real world.

Materials

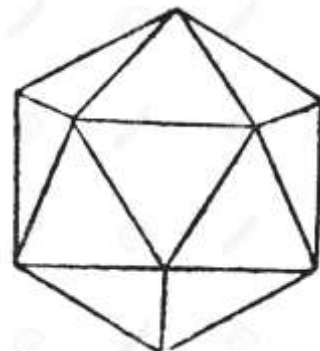
- Calculator (classroom set, personal one for home)
- Compass
- Protractor
- Pencil/Writing Utensil
- Spiral notebook for taking notes/Student Journal
- Loose-leaf notebook paper for completing homework assignments
- Three-ring binder (~1") or mutli-subject binder for organizing notes and returned assignments

Classroom Expectations

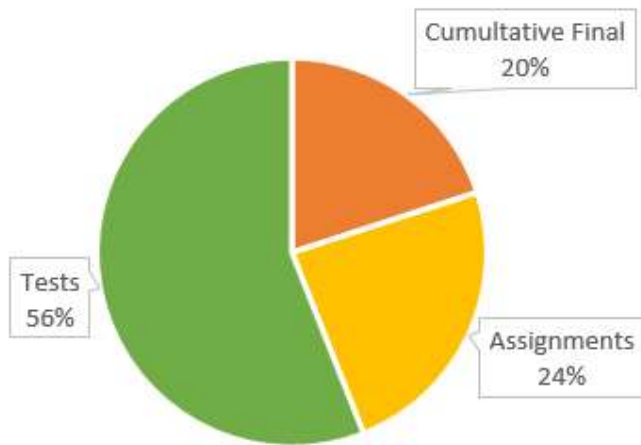
- NO CELL PHONES
- Abide by the rules described in the class social contract.
- Be respectful. Be Responsible. Give your best effort.
- Leaving during class for any reason should be done only if absolutely necessary.
- Only water bottles with a spill-proof lids are allowed. Small, mess-free snacks are allowed.
- Academic dishonesty will not be tolerated and will be dealt with according to district policy.

Units of Study:

- Unit 1 – Congruence, Proofs, and Constructions
- Unit 2 – Similarity and Proofs
- Unit 3 – Trigonometry
- Unit 4 – Surface Area
- Unit 5 – Three-dimensional Geometry



Grade Breakdown



A	100-90%
B	80-90%
C	70-80%
D	60-70%
F	Below 60%

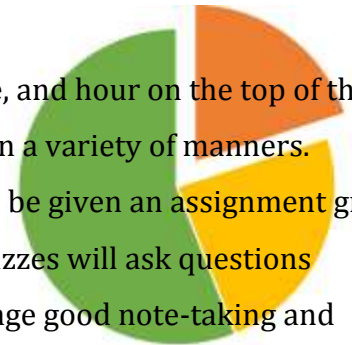
*Students with a D or lower in my class will have an email or phone call home. They will be strongly urged to come in before or after school for tutoring and to discuss a plan to improve.

Assignments (24%)

Homework: Each assignment will be required to have your name, course, and hour on the top of the page. Each homework assignment is worth 10 points and will be graded in a variety of manners.

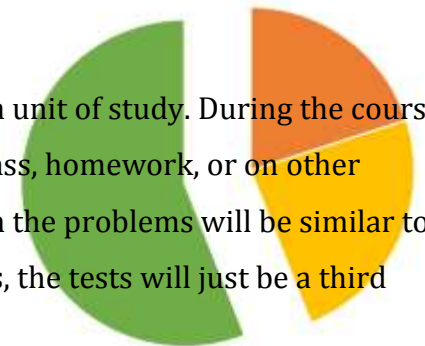
Classwork: Any type of worksheet or activity completed during class can be given an assignment grade.

Note Quizzes: There can be a note quiz during *any* class period. Note quizzes will ask questions answered in class or over assignments. These note quizzes are to encourage good note-taking and constant review of material. It is your responsibility to bring your materials with you to class.



Tests (56%)

A test or a project is for you to demonstrate what you have learned over a unit of study. During the course of a unit students will see questions similar to those on the test during class, homework, or on other assignments. There will *always* be a study guide or for a unit test in which the problems will be similar to those on the test. If you take notes and complete all required assignments, the tests will just be a third time dealing with the same similar questions.



Cumulative Final (20%)

December 2015

Cumulative: snowballing, accumulative, collective, aggregate, amassed. (Anything is "fair game.")



Attendance

-*Tardies* will be handled by the school-wide tardy policy and may result in contacting a parent/guardian.

1st Tardy – Warning

2nd Tardy – Automatic 15 minute detention

3rd-5th Tardy – Automatic 45 minute detention

6th – ISS parent/student meeting with assistant principal

7th – ISS loss of privileges

8th or more –Further disciplinary action including out of school suspension

-Any *unexcused absence* will lead to a zero for assignments due that day, including unit tests.

-*Excused absences* both from illness and school-related activities do not excuse assignments and will be entered as a zero until it is completed. Any work that would have been due on the missed day is due the first day the student returns, additional assignments will be accepted up to the number of days missed. Example, if you're sick on Monday and come back Wednesday. Monday's work is due that Wednesday you come back, but anything from Monday or Tuesday will be due two class days after Wednesday so Friday.

Missing or Late Work

My goal is to have all assignments available to download through Skyward. Students who have missed class may go on Skyward to download missing assignments. All incomplete or missing assignments will be accepted for half credit the day before the Unit test. I will not accept missing or late work from previous units or on the day of the test.

Communication

The best way to contact me outside school hours is by emailing me at CJanouse@usd497.org . I am always available to call and discuss your progress through my class at 785-555-0123 ext. 4945. I will be available before and after school for you to come in for tutoring or to answer questions.

Note: As your instructor, I reserve the right to modify this syllabus as I see accordingly. Any changes will be announced through email or on my website.

