

Welcome to Mrs. Pianalto's Geometry Class!

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By the end of this class, you will be able to:

- 1.) Identify points, lines, planes, and angles.
- 2.) Write conditional statements and proofs.
- 3.) Apply the properties of parallel and perpendicular lines.
- 4.) Classify triangles and prove triangle congruency.
- 5.) Identify bisectors, medians, and altitudes.
- 6.) Apply the properties of similar polygons to solve proportions.
- 7.) Apply the properties of Polygons and Quadrilaterals.
- 8.) Apply Trigonometric Ratios.
- 9.) Find and calculate the Perimeter, Surface Area, and Volume of Pyramids and Prisms.
- 10.) Fine lines, arcs, angles, and segments as relate to circles.

Accomplishing this will require cooperation.

Think of this class like a sport such as basketball or wrestling. You will have to work hard independently, but you will also have to work effectively with other students and with the teacher.

Guidelines for Success

P: Preparation
R: Responsibility
I: Integrity
D: Dedication
E: Effort

Winners make their own luck. They achieve. It takes:

R: Responsibility
E: Excellence
D: Dignity

to be successful.

Classroom RULES:

Winners know the rules and follow them: know when to use the bathroom and when to use technology.

1. Come to class every day that you are not sick.
2. Arrive on time with your own materials.
3. Students will respect themselves, others, and teacher (Keep your hands, feet, and objects to yourself.)
4. Students will work during all work times.
5. Students will observe The Warrior Way.

Activities:

- Bells
- Teacher-directed instruction
- Tests and quizzes
- Independent practice/group work

Notice the word **practice**. These activities are practice for you to improve your skills, just like an athlete, dancer, or musician.

Grades: Winners know that you have to keep score.

Grades for each semester will be based on the following:

40% TESTS

A= 90-100%

20% DAILY ASSIGNMENTS/BELLS/NOTES

B= 80-89.9%

20% QUIZZES

C= 70-79.9%

20% FINAL EXAM

D = 60-69.9%

F= 59.9% - Below

RESOURCES: There are several different resources students have access to outside of class. I recommend to all students who have a difficult time with math or need the extra assistance to utilize these sources.

1) www.my.hrw.com This website goes with our book and is very helpful in helping you prepare for tests and quizzes. On the website you will find an online textbook, extra practice problems, practice tests and quizzes.

2) www.tutor.com/alaska This website will connect you with a live tutor who will assist you in solving math problems.

3) www.sled.alaska.edu/homework.html

4) <http://www.khanacademy.org>

5) www.hotmath.com

Classroom Procedures

Entering the Classroom

1. Be in your seat before the bell rings. (Be ready to use listening skills)
2. Have your materials out and ready. (sharpen pencil)
3. Begin the bell work on the board.
4. If you are late you must follow the START on time procedures and return with a pass

Materials – pencil, paper, textbook, and notebook: If you do not have a pencil, I have pencils available up. Please return them when you are finished and donate pencils that you no longer intend to use. There is also extra paper. Use it when you need to and replace it when you bring your own. Bring textbook every day.

Calculators: All students will be required to have a scientific calculator for this Geometry class. If you are planning on going forward in your math career (Algebra II or Pre-Calculus), purchasing a TI-83+ or TI-84+ is recommended.

Daily Assignments: Daily assignments will be given daily and expected to be completed by the next class period. You will be required to show the problem, work involved, and the answer to get credit. If you do not understand the problem, you may write the entire question and picture to receive full credit. Homework is graded by completion. If absent the day an assignment is given, the student is responsible for the missing work. Late homework will be accepted for partial credit prior to the Chapter Test. (10 pts. = turned in on time, 8 pts. = turned in one day late, 5 pt. = turned in, 0/M pts. = not turned in at all. All work is expected to be completed in pencil. **A chapter outline with assignments/quiz/test will be handed out at the beginning of each chapter – can also be found on teacher website.**

Notes/Foldable: Notes will be taken on each lesson and turned in at the end of each chapter for a grade.

Bells: Bells will be taken on a bell form and turned in at the end of each chapter for a grade.

Quizzes: Quizzes will be given at random with or without notice every 2-4 lessons. If missed, a student will be given a blank copy the next day when going over the quiz with the class. The quiz will be excused until the chapter test score replaces it. A student will get one 3X5 card per chapter to use on Quizzes/Test.

Tests: Test will be given at the end of each chapter. If a test grade is better than a quiz from the same chapter it will replace the quiz score. A cumulative test will be given at the end of 1st and 3rd quarter. A cumulative final will be given at the end of each semester. A student will be allowed one 3X5 card per chapter to use as notes on Quizzes/Test.

NOTEBOOK (recommended, but not required) = 50 points Extra Credit at end of 1st & 2nd Semester – this is a portfolio of your work. It needs to be **neat, organized, ordered, professional, and set up in a 3-ring binder** (not a spiral, a folder, or an expandable filing system). The **binder** will have **4 dividers** labeled as follows: Notes/Bells, Homework, Quizzes, and Tests!!! This syllabus should be page one! The Shake test will apply.

Your Responsibilities after an Absence: It is your responsibility to find out what you need to do for this class on the day you return even if we don't have class that day. When you miss a lesson it is your responsibility to read the section out of your textbook and watch the online lesson/video. Next, you will complete the missed assignment and make sure to turn it in for full credit. You must ask a fellow classmate for help before asking me. If you are absent due to a school-related event, **it is your responsibility** to find out in advance what you will be missing. The expectation is that you will **complete the work before you return.**

Returning Assignments: Graded work will be returned to you once *all students* have completed the work.

Finding out Grade Status in Class: You need to be able to access your I-student and parents need to be able to access their I-parent account for this class. It will show your current grade in the class and any missing assignments, quizzes, and test. (See the librarian, Mrs. Logsdon, if you have problems with this). Please check this on your own time.

Ending Class: One minute before the end of class, I will ask you to return to your assigned seats for final announcements. You will be excused *after* the bell rings by the teacher.

Consequences for Classroom Rule Violations: If you violate a rule, you may be assigned a consequence. Depending on the frequency and severity of the misbehavior, you may receive one or more of the following consequences:

Four Question Warning

Change in seating assignment

Conference with Teacher after class

Parent Phone Call

Referred for Lunch Detention

Office referral

Quiz

20 points

Expectations of Mrs. Pianalto's Class

Name _____

1. List the 4 classroom rules

A _____

B _____

C _____

D _____

2. When entering my classroom you should

A) Be in your seat before the bell rings. B) Have your materials out and ready.

C) Begin the bell work on the board. D) All the above.

3. Daily Assignments are expected to be completed by?

A) The end of the week B) Before the chapter test

C) The next class period D) Before the final exam

4. What 3 things must daily assignments include for each problem?

A _____

B _____

C _____

5. Will I give points for late assignments? If so, how much and why?

Yes No _____

6. When you miss a lesson, it is your responsibility to:

A) Read the missed section out of your text book B) Write out the textbook examples

C) Complete the missed assignment D) All of the above

7. How do you find out your current grade for this class?

A) Ask Mrs. Pianalto

B) Use your I student account