Classroom Expectations and Procedures
Geometry 2018/2019

Ms. Schmidt
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Website: www.mathschmidt.weebly.com
Room: 210

Materials:

- No. 2 pencils (daily)
- Spiral Notebook or lined paper
- 1-2 inch three ring binder
- Red Pen
- Highlighter
- Protractor & Compass →
- Calculator (see below)

Please let Ms. Schmidt know if you need assistance providing these materials. You are expected to bring all materials to class every day.

CALCULATORS:

-Recommended-

TI 84

~You will be using these calculators in the classroom and will benefit from having one at home to use! You will also benefit from having your own on the SAT. Students will have access these calculators in the classroom during school hours. If you violate the below procedures, you will lose the privilege of using Ms. Schmidt's calculators, which have been paid for by Ms. Schmidt not DHS. Other graphing calculator recommendations include TI-84 Plus Silver Edition ~You will need a scientific calculator if you do not purchase a graphing calculator. Scientific Calculator recommendation is:

TI-30x IIS

Do not get a TI-30XA

*** Calculator Procedures****
Please understand that students will be using technologies in geometry and agree to use these technologies with respect. Any damages students cause to Ms. Schmidt's calculators students will be fully responsible for. Any damaged, lost or stolen calculators will result in the reimbursement of the calculator, a cost up to $150. It should also be understood that students will lose privileges of using technologies in geometry class if they are found to be disrespecting these technologies in any manner. This includes, but is not limited to, proper cell phone and computer usage in the classroom.

What to Do When You Enter Class:

Be in your seat when the bell rings. You will earn a tardy if you are not in your seat when the bell rings. Complete the warm-up task on the board without Ms. Schmidt telling you to complete it. This includes completing your warm up on your warm up sheet or taking out materials.

HELP:

Time for students to ask questions is built into the class period. Students are to check homework answers on our class website every night and come in with questions to ask during work time. Students are expected to go to the media center on Tuesdays and Thursdays for help from the Math Honors Society.

Notes: This is your best way to record what is expected of you! You should always have your class notes out when completing assignments. You are expected to take notes as they help you tremendously with your homework and study skills along with completing notebook quizzes throughout the semester.
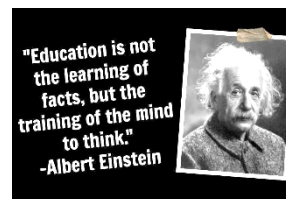
Assignments & Homework Quizzes:

- ✓ Expect to have homework/classwork/warm-ups on a daily basis for the class.
- ✓ Assignments throughout the semester will be graded on completion and/or accuracy but may not be collected at all.
- ✓ You must check your answers on the website every night. Ask questions during work time.

Correction Policy:

- ➢ You may turn in corrections, on graded (for accuracy) assignments only (not HW quizzes), as many times as you want!! It is a very realistic goal to earn full points for your overall homework grade!
- ➢ Corrections are to be turned into the designated bin.
- ➢ **Corrections must be on a separate sheet of paper and stapled to the original work. Please write corrections for: "assignment name" and then put your name on the corrections page as well.**
- ➢ Corrections will be turned in before or after class only. If you get up in the middle of class to turn in a correction, you will not be allowed to turn that correction in. Stapling should be done before/after class.
- ➢ Corrections will not be taken for homework quizzes or assignments checked in for completion.
- ➢ All corrections for the unit should to be turned in by the day of the unit's test.

"Education is not the learning of facts, but the training of the mind to think."
-Albert Einstein

Remind:
Text: @3k3bhg To: 81010

Absent Work
- ➢ If you are absent you must check the class website which tells you what you missed the previous day(s). You MUST print out the notes and homework and bring it with you the day you return to school. If you do not have a printer simply copy the notes by hand using lined paper.
- ➢ Get your assignments from the website before class- **DO NOT interrupt any lesson because you do not have an assignment from the previous day(s).**
- ➢ Turn in your absent work into the designated bin prior to the unit test.
- ➢ If you are absent for a quiz or test you will be expected to take them when you return.

Late Assignments
- ▪ Late work will not be accepted per department procedures.
- ▪ If you need an extension for any reason, please let Ms. Schmidt know by email or parent signed note. Sometimes life happens!

Quizzes and Projects:
- ✐ **Quizzes may or may not be announced and frequent!**
- ✐ Quizzes will be similar to your notes and homework- Keep these things organized as you will be able to use these resources on some quizzes!
- ✐ *You may retake most quizzes during an appointment that you make with Ms. Schmidt.* If you miss the appointment you forfeit your retake privileges.
- ✐ No retakes will be given at lunch.
- ✐ No retakes on open note quizzes or homework quizzes.
- ✐ If you are absent for a quiz you will be asked to take it the next day. At times you may be excused from the quiz but be sure to ask Ms. Schmidt.
- ✐ Quiz retakes must be completed before quarter grades are due.

Contacting Ms. Schmidt:
The best way to contact Ms. Schmidt is by email. It is expected that students communicate with their parents/guardians prior to parent/guardian communication with Ms. Schmidt. This will ensure we work as a group to help students be successful.

Cell Phones:
Cell phones are permitted in class at times for educational purposes only. No student should use their phone during instructional time. You are young adults, make good choices! Don't be on SnapChat all hour! Students not responsible enough to use a cell phone educationally will receive a referral and detention and will lose cell phone/technology privileges.

Tests:
- ✎ You will be notified in advance when a test is to be expected via class website.
- ✎ A review will be given out and answers provided the day before the test.
- ✎ You should use your notes and class materials to study and complete your review. NOTHING NEW will be on your review therefore you do not need the answers in advance.
- ✎ No Unit Assessment Aids (index cards, formula sheet, or notes) will be allowed, any specific formulas that will be needed will be provided in the test.
- ✎ You may retake any one unit tests per quarter- No retakes on midterms and finals.
- ✎ If you did not complete your review, you lose the privilege for retaking that test.
- ✎ In order to retake a test, you must make test corrections, showing all work, in red pen on the test AT HOME. You may not erase any original work from the 1st attempt. Once Ms. Schmidt views corrections and feels you are ready to retake the test, an appointment will be made to take the test. If you miss the appointment you forfeit your retake privileges.
- ✎ No retakes will be given during lunch or class time unless otherwise noted.
- ✎ If you miss a test due to an excused absence you will make up the test the following day.
- ✎ If you are absent on a review day you will still need to take the test on testing day.

How I know my grade?
- ✧ If a student or parent would like to know a student's progress in class, they are to check parent portal. This is highly recommended. *Please do not expect it to be updated immediately.* Updates to grades are usually once every two weeks to allow for absent work and retakes.

Mathematics: Geometry Common Syllabus

ESSENTIAL CONTENT & SKILLS (From Common Core Standards):
1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

1. Using basic language, tools of geometry, plane geometry and coordinate geometry
2. Using logical reasoning and proof
3. Using angle relationships
4. Using polygons
5. Using congruent and similar triangles
6. Exploring geometric concepts with constructions using traditional tools and technology
7. Using right triangle trigonometry
8. Using transformational geometry
9. Using circle properties
10. Using 3-Dimensional figures

In Geometry, these practice standards will be emphasized through:

GRADING:

Grading Scale: Weighted
- Graded Assignments = 10 %
- Quizzes = 30%
- Unit Assessments = 60%

Extra Credit Policy:
- Extra Credit will be available throughout the semester for no more than 5% of the overall grade.

Graded Assignments:
- Assignments can be collected and graded on completion, accuracy, or given a homework quiz at the teacher's discretion

Late Work Policy:
- No late work will be accepted.

Reassessment Policy:
- Students will be able to re-take one test a quarter per teacher's retake procedures.

Testing Aids:
- No Unit Assessment Aids (index cards, formula sheet, or notes) will be allowed, any specific formulas that will be needed will be provided in the test.

Absent Day of the Test or Quiz:
- If you are absent on the day of a test or quiz, you must take it the day you return.

GRADING:

- A   = 90 – 100
- B+   = 87 – 89
- B   = 80 – 86
- C+   = 77 – 79
- C   = 70 – 76

- D+   = 67 - 69
- D   = 63 – 66
- D-   = 60-62
- F   = below 60

Semester Grades: Quarter 1=40%
                         Quarter 2= 40%
                         Exam= 20%

*If a student earns two out of the three components to their semester grades, the student will earn credit in the class.

Academic Integrity Policy – See the DHS Student Handbook.

Order of topics
1. Introduction to Geometry (Prerequisites/Basic Constructions/Transformations)
2. Angle Relationships & Parallel and Perpendicular Lines
3. Polygons
4. Triangles
5. Congruent Triangles
6. Similarity
7. Right Triangles
8. Trigonometry with vectors
9. Circles
10. Area
11. Surface Area and Volume

"I am driven by two main philosophies, to know more today than I did yesterday, and to lessen the suffering of others. You'd be surprised as to how far that gets you!"- Neil Degrasse Tyson