

Geometry – Honors
Mrs. Lettenberger (McGinn), Room 301
2019-2020

COURSE DESCRIPTION: This course assumes that the student has demonstrated a solid foundation in Algebra. Topics that we will be discussing throughout the year include the relationships between points, lines, and planes; logical thinking and proof writing; measurement, including area and volume; congruency; similarity; two and three dimensional geometric figures; parallel and perpendicular lines; and trigonometry.

COURSE GOALS: In addition to mastering the State Standards, goals for students in this class are to:

- 1) Develop skills in both inductive and deductive reasoning, as well as problem solving
- 2) Continue to develop responsibility
- 3) Increase level of critical thinking and logical thinking skills
- 4) Correctly use technology to enhance the learning experience
- 5) Thrive as a team player

COURSE MATERIALS: Students will be required to bring the following materials to class every day, unless told otherwise. Students will not be allowed to leave the classroom to retrieve materials once the bell has rung.

- 1) Laptop/tablet
- 2) Textbook – Geometry, 2004, McDougal Littell (on laptop)
- 3) Notebook
- 4) Writing utensils (pencils ONLY!!)
- 5) Calculator (TI 30 or higher)

ASSESSMENT INFORMATION: Throughout each marking period, students will be required to complete a variety of assessments which include tests, quizzes, homework, bell ringers/exit slips, and vocabulary.

The grading scale will be as follows:

- 93% - 100% = A
- 86% - 92% = B
- 78% - 84% = C
- 70% - 77% = D
- 69% and below = F

We will take a quiz every few sections throughout each chapter to determine the students' progress. We will also have homework quizzes, which will be given at random.

Homework will be assigned on a daily basis. Most homework assignments will be graded for completion. All work needs to be shown in order to receive full credit. There will be instances when I randomly collect homework assignments, so be prepared! When I check homework for completion, we will go through the assignment together so you are able to correct and ask about any problems you may have done incorrectly or did not understand.

If you are absent, please check Blackboard to see what we did in class and what you missed. All assignments and notes will be posted daily. Additionally, when you are absent, you will have the same amount of days as you were absent to make up a homework assignment or test.

Late work will not be accepted UNLESS you were absent the day the homework was assigned or checked in.

Cheating on homework, quizzes, and exams will not be tolerated and will result in a failing score on that particular assignment for all parties involved. A Dean's detention will be issued as well.

UNITS COVERED: Below is a list of the units that we will be covering throughout the school year.

- 1) Basics of Geometry
- 2) Reasoning and Proof
- 3) Perpendicular and Parallel Lines
- 4) Congruent Triangles
- 5) Properties of Triangles
- 6) Quadrilaterals
- 7) Transformations
- 8) Similarity
- 9) Right Triangles and Trigonometry
- 10) Circles
- 11) Area of Polygons and Circles
- 12) Surface Area and Volume

CLIMATE RUBRIC: I will be assessing students on a *weekly* basis using the SJHS climate rubric as stated in the student handbook.

- Each student is to arrive to class on time every day.
- Each student is to arrive to class in proper dress code.
- Each student is to demonstrate behaviors which are considerate of others and others' property.
- Each student will come to class prepared to learn. That means you have all the required materials including book, notebook, pencil, calculator, and anything else necessary for class.
- Each student is expected to be a positive participant in class activities and the learning process.
- Each student is expected to complete assignment on time and in the prescribed manner.
- Each student will consistently demonstrate respect for the teacher, for other students, and for himself or herself.
- Each student will participate in a positive manner in daily class prayer.
- Each student will demonstrate integrity and responsibility in class, in assignment completion and in dealing with peers and teachers.
- Each student will demonstrate respect for the classroom environment by keeping it clean, not bringing food to class, and respecting the property in the room.
- Each student will use appropriate language when communicating in class or outside the classroom.

Students will be given 5 points per week.

PROFANITY: Students will be expected to use appropriate language in the classroom. If a student does not abide by this rule, they will be expected to pay \$0.25 to the "potty mouth" mug. If they are unable to pay the \$0.25, they may serve a teacher detention after school with me instead where they will help clean my classroom. All monies that are in the mug each week will be put towards the mission donations.

TARDINESS: You will be considered tardy if you are not in your seat when the bell rings. The first two times that you are tardy will not be penalized. The third tardy will result in a detention with me. Any tardy after that will result in a dean's detention.

PASSES: Students will be given three passes per quarter which they can use to go to their locker or use the restroom. If these passes are not used, they may be turned in at the semester with their final exam for extra credit. If all three passes are used before the end of the quarter, the student will not be able to leave the classroom.

EXTRA HELP: I will be available before school and after school. Please let me know ahead of time if you would like to come in and get help. My free periods are during 4th & 8th hour. If you have a study hall during this time, you are more than welcome to come in at that time and get help or ask questions.

TECHNOLOGY: You are allowed to use your laptops to take notes, if you would like, and access your textbook. When you are given time to work on homework, you may listen to music on Pandora, Spotify, or YouTube (EARBUDS ONLY). If I see you using your tablet for any other reasons not allowed, you will lose your privileges. There may be times when I ask you to find an article and you may need to use Google; in these instances, I will address what sites are appropriate and inappropriate.

Dear Parent(s)/Guardian(s),

Please take this opportunity to read through my class expectations and policies that I have set in place for your child.

My goal is to create an open, inviting, and educational environment for all students in the classroom.

Please fill out the information below in case I ever need to contact you. Also, please do not hesitate to contact me with any questions or concerns you may have. My email address is Jacqueline.McGinn@stjoeshs.org. Email is the best method to contact me as I check it regularly throughout the day. My phone number at the school is 1-708-562-4433 X 255. I will check my voicemail at the end of each school day.

I am excited to be able to work with and get to know your son/daughter throughout the 2019-2020 school year!

Thank you,
Jacqueline Lettenberger (McGinn)

Student Name:

Parent/Guardian Name(s):

Phone Number:

Email:

Preferred method of communication:

Best Time to contact:

Parent/Guardian Signature: _____

Date: _____