

Saint Charles Preparatory School

Geometry Syllabus

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Home Contact Hours:

Monday – Thursday 6:00PM – 8:00PM

I. Course Goal Statement:

This course introduces the concepts of formal geometry, including points, lines, planes, angles, curves, geometric figures, and their relationships. This course also teaches mathematical logic, reasoning, and proofs.

II. Instructional Objectives:

Upon successful completion of this course, students will meet or exceed the State of Ohio Academic Content Standards for grade ten. Copies of these standards can be found at http://www.ode.state.oh.us/academic_content_standards/acsmath.asp.

III. Materials Needed:

Each student is provided a Geometry textbook for home use. It is expected that this book will be taken home the first day and remain there until the end of the school year. Each desk in the classroom will be assigned a classroom Geometry textbook which will remain in the classroom throughout the school year. Students will be expected to use this text during class sessions.

When the use of a calculator is required during class, a calculator will be provided. Students should NOT bring personal calculators to class.

Students will need some form of notebook dedicated to this class. I suggest a 3-ring binder that can be divided into sections. This will allow students to organize their notes.

Students will need graph paper, a ruler, a protractor, and a compass. I suggest buying the cheapest available.

IV. Grading:

Quarter Grade	
Quarter Final	30%
Tests & Quizzes	40%
Homework & Projects	20%
Effort	5%
Participation	5%

Semester Grade	
1 st /3 rd Quarter Grade	40%
2 nd /4 th Quarter Grade	40%
Semester Exam Grade	20%

Final Grade	
1 st Semester Grade	50%
2 nd Semester Grade	50%

In general, homework and test question will be graded on a 3 point scale:

- 3 points => Major and minor concepts attained
- 2 points => Major concept attained, minor concept missed
- 1 point => Major concept missed, minor concept attained
- 0 points => Major and minor concept missed

Anything I cannot read is an automatic zero!

Violations of classroom rules or school policies can affect your grade!

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V. Exams, Tests & Quizzes

All exams, tests and quizzes are cumulative. Therefore, any material from the first day of class to the exam/test/quiz date can be included. Exam/test/quiz questions are based on the homework problems and projects previously assigned. During an exam, test, or quiz you must remain silent for the entire period. Any breach of this rule can be considered strong evidence of cheating. With the exception of MEP students, you will have only that class period to complete the test or quiz.

MEP students who want extended time and meet the criteria must take the entire test during one session. The MEP student must schedule this with me NO LATER than the day BEFORE the test. The test must be taken before or after school. MEP student will be allowed a maximum time equal to twice that allowed to the non-MEP students to complete the test.

If any student is absent the day of a test or quiz, you must make up that test or quiz on the day that you return. Exceptions will be made for extended absence, but only if you talk to me the morning that you return.

Failure to follow any of these rules may result in a zero for that exam, test, or quiz.

When all students have completed a test or quiz, they will be able to briefly view their test/quiz during class. Students are encouraged to review their tests/quizzes with me before or after school. For the following reasons, I keep all tests/quizzes: 1) I use test/quizzes in future reviews and students tend to lose these resources. 2) Students are encouraged to review the test/quiz material with me to identify and correct mistakes. 3) Test/quiz scores may be disputed and corrected.

VI. Homework and Projects:

You will be assigned homework almost every night. Homework assignments can be problems assigned from the book, completion of in class projects, or other projects assigned in class. The problems you are given on homework and/or projects are the basis for test and quiz questions. Homework and projects are designed to help you obtain the skills and knowledge necessary to pass the tests and quizzes. **I do not accept late or sloppy homework.** The assignments will be given at the beginning of each class and are due at the beginning of the next day's class. A calendar of assignments will be posted in the classroom and on the St. Charles website. These calendars are subject to change, so make sure you understand the assignment given at the beginning of class. If you have an excused absence from school, you will receive a one day extension on assignments for each day you miss. For example, if you are absent on Monday and return on Tuesday, both your Monday and Tuesday night homework assignments will be due on Wednesday at the beginning of class. Missing and incomplete homework will be tracked and reported.

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VII. Effort:

Your effort grade is based on the number of missing and incomplete homework assignments. You start each quarter with a 100% for your effort grade. For each homework assignment that is not turned in, or is turned in beyond the due date, your effort grade will be reduced. Likewise, for each homework assignment that is incomplete your effort grade will be reduced.

VIII. Participation

You are expected to participate in classroom activities. This includes question and answer sessions as well as in class activities and lectures. I expect your best effort in this regard. You start each quarter with a 100% participation grade. I will deduct points from your participation grade for failure to participate or disruptive behavior.

IX. Contacting Mr. Moyer:

PARENTS: The best way for you to contact me is via my email address listed at the beginning of this document. I am usually able to respond to these emails several times per day. I am also available via my home phone number listed at the beginning of this document. As a last resort, you can contact me at the school number 614-251-6806, extension 1053.

STUDENTS: The best way for you to contact me is to see me personally. Unless school or personal issues arise, I am available in my room from 7:30 a.m. until 8:00 a.m. and from 3:05 p.m. until 3:45 p.m. You may also reach me at my home number listed above Monday through Thursday from 6:00 p.m. until 8:00 p.m. I cannot guarantee that I will be at home during these hours, but will make a good faith effort to return all calls the same day. I am also available via email at the address listed above. However, I may not read my email in time to answer your question.

X. Assistance Available:

If you are in need of assistance in geometry, many forms of help are available. As stated above, I am available before and after school and via my home telephone.

Mr. Salyer and Mrs. Amnah hold regularly scheduled tutoring sessions for all forms of math. Times and places for these sessions will be posted.

Students that are member of the National Honor Society (NHS) also provide peer tutoring in many subjects, including geometry. If you are interested in such a tutor, please contact Mr. Scott Pharion.

If you feel you need regular outside tutoring, have your parents contact me. I know professional, fee-based tutors that would be willing to work with you.

Computer based tutoring (self-paced) is also available on the computers on the second floor of the Student Services Center. Software programs are available for Algebra I, Geometry, and Algebra II

For ANY tutoring session, it is important that YOU are prepared. Make sure you have tried to understand the concept and/or attempt the problem first. Be prepared to explain what you do understand and where you are confused. Bring any other necessary materials with you, such as a textbook, notes, and assignments.

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XI. Academic Honesty:

All work turned in by each student is to be performed by that student alone. No instances of cheating or plagiarism will be tolerated. Please see the *St. Charles Preparatory School Student Handbook* for more information about policies and penalties regarding breaches of academic honesty. Be aware that I only need a **strong suspicion** that the material you turn in to me is in whole, or in part, not your own. If I suspect cheating, I will ask you to repeat your work. If you cannot repeat your performance or explain your work, I will have sufficient reason to suspect you of cheating. Before you attempt to cheat, ask yourself, “Is it better to receive a low grade for this work or risk the failure of an entire quarter?” Also realize that the person that allows someone to copy their work is as guilty as the person doing the copying.

In certain cases, group collaboration may be permitted (and even encouraged), but **only** through explicit notification by me. In all cases, it is the responsibility of the **student** to clarify the acceptability of collaboration with me. Certain individuals feel more comfortable working in groups on their homework. As long as it is a collaborative effort (each individual helping the group to achieve understanding of the concepts and skills), I have no problem with it. Make sure that you are an active participant in the learning process. If your participation in this group is simply copying the work of others, this is cheating.

XII. Saint Charles Website:

The Saint Charles Website, <http://www.stcharlesprep.org/>, contains this syllabus as well as other pertinent information. Please refer to the website for copies of classroom rules, study and note taking suggestions, geometry calendar with homework assignments (subject to change during class), general geometry notes, and notes for each section of the book.

XIII. Classroom Rules

Classroom rules and disciplinary procedures are distributed to each student, are posted on the website, and are posted in the classroom.