

## College Prep Geometry

### Course Description:

This year, in geometry, we will study topics from Euclidean Geometry such as reasoning and proof, parallel lines, congruence and similarity, area and volume, polygons (with special emphasis on triangles and quadrilaterals), and circles. This course will further the development of critical thinking skills in mathematics. Algebraic techniques are emphasized to further the understanding of geometry. Technology will be used throughout the course as an instructional tool.

### Classroom Expectations:

- **Be on Time**  
Students will be expected to be in the classroom and ready to start class when the bell rings. The CHS tardy policy will be followed and enforced.
- **Come Prepared**  
Students will be expected to have their book, a sharpened pencil, eraser, loose-leaf paper, highlighter, and a binder specifically for math.
- **No eating or drinking in the classrooms (you may have bottled water)**
- **Respect Yourself and Others**  
It is my job to ensure that you are not preventing the learning of others and that others are not preventing learning to occur for you. Everyone does better when everyone does better!
- **Stay in your seat**
- **ALL cell phones, ipods, etc, must be OFF and put away.**  
Sneaking these items is viewed as blatant disrespect of our class and time together.
- **Participate**  
In order for you to be successful in this course, it will be imperative that you ask questions, and appropriately participate in classroom conversations. Math is NOT a spectator sport; the more you do the more you will learn!

### Office Hours: Math Office

Help me help you! Work to get your questions answer BEFORE class by calling a classmate or emailing me.

If you need to meet with me before, during or after school please make those arrangements ahead of time through email. Feel free to call or email me with any questions or concerns as they arise. I will check my voicemail and email periodically throughout the day.

**“Teachers open the door, but you must enter by yourself.”**

– Chinese Proverb

**“If we always do what we’ve always done, we will get what we’ve always got.”**

– Adam Urbanski

**“You understand how to think mathematically when you are resourceful, flexible, and efficient in your ability to deal with new problems in mathematics.”**

- Alan H. Schoenfeld

## Policies, and Procedures

### Homework:

Homework will be assigned every class period and will generally be due the following day. Students will not receive credit for late or missing work. Daily homework completion credit is based on what is attempted and does not indicate that the work is done correctly. Answers with insufficient supporting work will not earn credit! A full credit score may not indicate that you fully understand the material...only you know this for sure. Homework assignments will be randomly collected and graded. In addition, student comprehension of the homework content will be assessed through progress checks both scheduled and unannounced.

### Tardies:

The policy of the school will be followed. Upon a third tardy in a quarter a student will be assigned a lunch detention and for any subsequent tardy another detention will be assigned.

### Absences:

For planned absences (including field trips), make arrangements to complete the work before the absence. When you return, you will be on schedule with the rest of the class. If your absence is on a test/quiz day, please attempt to complete the test/quiz in advance.

For unexpected absences, see me before class on the day of your return to determine a schedule for getting caught up. If your absence is unexcused (you will make sure that this NEVER happens!), there will be no opportunity for make up work and you will receive a 0 for any work complete that day. This is a life skill! Unexcused absences are unacceptable!

Before/After school make-up tests sessions are offered Monday through Friday with the exception of Monday mornings and Friday afternoons. The morning sessions run from 7:10-8:01. The afternoon sessions run from 3:15-4:03. You should arrive at the math office prior to the start time and let someone know you are there to make up a test. If you miss a test/quiz, schedule a make-up appointment. Be on time. If you start late, the session will not be extended. All math teachers proctor make-up test sessions, it will only sometime be me! Missing a scheduled make-up session will be treated as an unexcused absence.

### Binders:

Students are expected to have a way to organize your work. A suggested organized binder would look as follows:

Section 1: Notes

Section 2: Do Now/ Exit Slip/ Progress Checks

Section 3: Homework

Section 4: Assessments

### Supplies:

For School: binder, graph paper, loose-leaf paper, pencils, eraser, highlighter, calculator

Suggested for Home: 4 colored writing utensils, protractor, ruler

### Calculators:

We will be using the TI-Nspire CX (non CAS) Calculator this year. Students will use these calculators for the remainder of their high school career and can be used on the ACT and SAT. See the following website for product details: [http://education.ti.com/educationportal/sites/US/productDetail/us\\_nspire\\_cx.html](http://education.ti.com/educationportal/sites/US/productDetail/us_nspire_cx.html)

### Grading:

- Your quarter grade will be computed based on 10% Homework 10% Progress Checks. 80% Assessments
- Your semester grades will be calculated in the following way: 40% 1<sup>st</sup> quarter grade, 40% 2<sup>nd</sup> quarter grade, 20% final exam

A+	[99, +∞)	B+	[88, 90)	C+	[78, 80)	D+	[68, 70)
A	[92, 99)	B	[82, 88)	C	[72, 78)	D	[62, 68)
A-	[90, 92)	B-	[80, 82)	C-	[70, 72)	D-	[60, 62)