

“Where there is matter, there is geometry.”
Johannes Kepler (a famous physicist), 1571-1630

CONTACT INFORMATION

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Tutoring: Tuesdays 380, and Wednesday 350, 3-4 p.m.

COURSE OVERVIEW

This course will be spatial and visual in nature. We will use measurements to deduce other measurements of a range of 1-D, 2-D and 3-D figures. Students will begin developing facts as they have previously – through observation and measurement. As the year progresses, students will rely more upon logic to deduce true statements about statements. There will also be a portion of the course devoted to MCAS and SAT prep.

Note: This year the students will be taking the MCAS test. As a result, we will practice problems throughout the year as well as set aside extra time to review during the weeks prior to the test.

TOPIC OVERVIEW

- Unit 1: Areas & Volume
- Unit 2: Angles, Logic, and Proofs
- Unit 3: Congruent Triangles
- Unit 4: Properties of Triangles
- Unit 5: Quadrilaterals
- Unit 6: Right Triangle Trigonometry
- Unit 7: Similarity
- Unit 8: Coordinate Geometry
- Unit 9: Circles and Polyhedra

MATERIALS/SUPPLIES

- Larson, Ron, Lauri Boswell, and Lee Stiff. *Geometry: Reasoning, Measuring, Applying*. Evanston: McDougal Littell, 2001
- Binder with loose leaf paper and sections OR Math folder plus a notebook
- Pencils
- At least a TI-83 graphing calculator

You are expected to bring all your materials to class every day. Failure to do so will result in demerits.

YEARLY GRADE BREAKDOWN

Q1	Q2	Mid-term	Q3	Q4	Final
21.25%	21.25%	5%	21.25%	21.25%	10%

GRADING POLICY (PER QUARTER)

35%	Tests
30%	Quizzes
15%	Homework
20%	Classwork (Do Now's, Classwork)

There will be weekly quizzes on Fridays unless there is another circumstance that affects scheduling.

Tests and quizzes are worth 60% of the quarter grade. There will be only 2 - 3 exams per quarter. The infrequency of the exams makes it extremely important to prepare well.

Test revisions will always be allowed. You can receive up to half of the points back that you missed. If you choose to do test corrections, they must be made after school with me during tutoring.

Quizzes will consist of any assessment that is not an exam. They will vary in length and relative weight, and should be expected daily announced or unannounced. There will be **no quiz corrections**. This means that test grades will have a heavy impact on your grade.

MIDTERM AND FINAL

In addition, there will be a mid term and final exam in the course, which, combined, are worth 15% of the final grade. Each exam will be a cumulative assessment of the material taught in the course until that point.

HOMEWORK POLICY:

No late homework will be accepted. If a student is absent, he/she must turn in the homework the day he/she returns to school or within one day of returning and will receive full credit. The 9th Grade Absence and Late Submission Policy applies to this class.

On the upper right hand corner of *every* assignment, please write your name, class period, date and assignment. All work must be shown and answers should be boxed.

Illegible homework will receive a grade of 0%.

Mrs. Scheltz

CLASSWORK POLICY

Classwork and class participation are worth 20% of the quarterly grade. I cannot stress enough how important it is to be an active and vocal participant in class. Questioning and discussing new material are critical to understanding challenging work. Students' notebooks will not be collected, but they may be assessed by pop notebook quizzes. Weekly do now sheets will be collected and graded; these make up the majority of the class work grade.

ABSENT POLICY

Students are strongly encouraged not to be absent, but if you must, you will be responsible for turning in the assignment **due** the day they missed on the day they return. The homework **assigned** on the day they missed will be due the following day unless otherwise discussed. Students are responsible for seeing the teacher for missed assignments on the day of their return. If a student misses a test or a quiz, they are responsible for making up the missed quiz or test within a reasonable amount of time. They are still responsible for seeing me the day they return.

CLASS PROCEDURES

- Entering the Classroom: Enter the classroom, and start the Do Now. When the bell rings, you should be silent with your Do Now sheet out (you will have one sheet for the whole week) and your backpack on the floor. If you are coming in as the bell rings or after, you are late and will receive a demerit.
- Exiting the Classroom: Wait to be dismissed by Mrs. Scheltz—not the bell! Your area should be clean.
- Getting Out of Your Seat: You must request permission to get out of your seat for any reason. Raise your hand and wait for Mrs. Scheltz to call on you.
- Passing in Work: Mrs. Scheltz will collect classwork most days and grade it for correctness.
- Leaving the Room: You may go to the bathroom during appropriate times during class with permission.
- Absent: If you are absent, you are responsible for making up the classwork and homework (and handing in the homework) within one day. See me for worksheets and ask a classmate for the notes and any textbook assignments. Come to tutoring with any questions or concerns. Extended absences will be handled on a case by case basis.
- Preparedness: If you arrive without any of your materials, please try to borrow them before the bell rings from a classmate. Once the bell rings, you will receive a demerit for being unprepared and will not be allowed to go to your locker to get what you forgot.
- Demerits and detentions will be awarded based on BCCS school policies.

ONLINE RESOURCES

With the internet, you have a wealth of support so even when you get home you are not alone. <http://www.khanacademy.org>
There is a wealth of practice problems with accompanying videos in a user-friendly format.

GEOMETRY CP COURSE SYLLABUS 2011-2012

Mrs. Scheltz



I have read and understand the Geometry course description.

(Signature of Parent/Guardian)

(Student signature)