

Ms. L. Turner
Geometry Common Core
Arlington High School

Dear Parents, Guardians, and Students,

Welcome to Arlington High School for a new school year! This packet is meant to inform you and your students as to the expectations and material covered in Geometry Common Core. The successful completion of this class will serve as a springboard to future mathematics classes. In order for your student to succeed, I am asking all of you as parents and/or guardians to support and encourage students to do their very best.

This class is a springboard to Algebra 2 Common Core. Students will then have an option to take Pre-Calculus.

I look forward to communicating with you this year. I want to encourage all of you to attend Open House, which will be held on October 4th. Should you have any questions, feel free to e-mail me at Lturner@acsdny.org or call me at the high school at (845)486 - 4860. You can also find my webpage by following the links on the school's website, <http://www.acsdny.org> to get to my profile and classes. Here, announcements, assignments, and other things will be posted. Again, I look forward to meeting and working with you this year.

Sincerely,

Ms. L. Turner
Mathematics Department

Geometry Common Core

I. Curriculum:

- UNIT #1 – ESSENTIAL GEOMETRIC TOOLS AND DEFINITIONS
- UNIT #2 – TRANSFORMATIONS, RIGID MOTIONS, AND CONGRUENCE
- UNIT #3 – BASIC GEOMETRIC PROOF
- UNIT #4 – TRIANGLE CONGRUENCE AND CONSTRUCTIONS
- UNIT #5 – PARALLEL LINES AND QUADRILATERALS
- UNIT #6 – SIMILARITY AND DILATIONS
- UNIT #7 – RIGHT TRIANGLE TRIGONOMETRY
- UNIT #8 – THE GEOMETRY OF THREE DIMENSIONS
- UNIT #9 – LINEAR EQUATIONS AND THE TOOLS OF COORDINATE GEOMETRY
- UNIT #10 – COORDINATE GEOMETRY PROOF
- UNIT #11 – PARABOLAS AND CIRCLES WITH AND WITHOUT COORDINATES

Textbook - None

Course Requirements and Materials

You, as a student in this class, are to:

1. **Be prepared and attend class.**
2. **Have a 3 ring binder, writing utensils, loose leaf paper to take notes, folder to keep any test or quizzes in, and a graphing calculator.** Please be sure to buy a TI – 83 or TI – 84 (Silver and/or plus is ok). These are the easiest to use, and if you have your own, you will be able to practice with it at home at your leisure. Class notes **may or may not be** on already provided worksheets. On the days where worksheets are not provided, you will need something to write on.
3. Have **completed the daily homework**. It will be checked and used in your grade for this class. I may also collect selected homework assignments and grade them.

Grading

The formula for your grade is:

$$\frac{\text{sum of points earned}}{\text{sum of all possible points}} = \text{average}$$

Homework will be included in a class participation grade, which will be worth 10% of the points of the marking period.

Tests/Quizzes

- *Worth 90% combined
- *A grade AT LEAST once a week.
- *Tests are announced at least 2 days in advance, quizzes GENERALLY 1 day in advance (except for pop quizzes)
- *Tests may or may not be cumulative.
- *Effort will be made to return assessments the next day.
- *There will be a 3 hour **Common Core Regents Exam** during June Regents week. This exam is $\frac{1}{5}$ of your final average for this class.

*Test and quiz corrections are worth a homework grade only. No additional credit will be given. A failing grade on any assessment will result in mandatory corrections. Failure to complete the corrections will also result in a 0 homework grade.

Rules

1. All school rules, including **no hats. Unexcused lates will be recorded. You must have a pass to enter class late.** Three unexcused lates to class will result in an administrative detention. Please make every effort to be in your seats on time.
2. **All work is to be made up within 3 days of an absence, as per the student handbook.** Quizzes and tests you fail to make up will each be graded as a zero. It is your responsibility to make work up. **The work missing due to an illegal absences (cuts) will be considered a 0.**
3. **You are to remain in your seat and wait for dismissal in class.** No packing of materials until I am finished with the day's lesson. There will be no standing at the door. Other rules will be set.

Extra Help

See me as soon as possible when difficulty arises. I stay Tuesdays and Thursdays after school for extra help. If this is not possible for you, please see me. Extra help after school begins at 2:20 and ends by 3:20. All extra help is in room 2147. Don't forget the Math Learning Center – open every period of the school day and is located in room 1450.

Tips for Being Successful in this Class

1. Do your homework and class work.
 2. Follow the rules.
 3. Come to class regularly. Each day, the material will be built upon. If you are absent, make up the work as soon as possible.
 4. Hold on to all tests/quizzes/homework. These are great study sources.
 5. Let me know if you need help. I am not a mind reader, and the longer you wait, the lower your grade will sink.
 6. Read your notes as needed.
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Ms. Turner

I have reviewed the Geometry Common Core outline and I am aware of the academic expectations and responsibilities for my child or myself.

Signature of Parent(s) or Guardian(s)

Print Parent(s)/Guardian(s) Name(s)

Email Address(es) (Optional)

be reached at

Daytime Phone Number parent can

Student Signature

Student Name Printed

Additional questions or comments: (optional)