

# Geometry

Miss Shelton

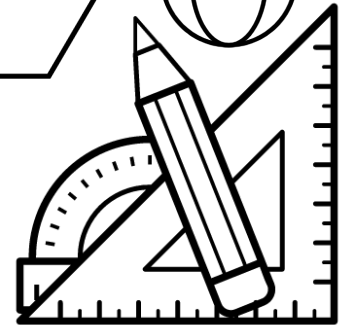
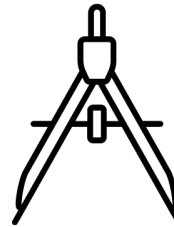
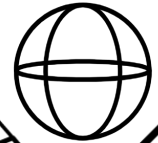
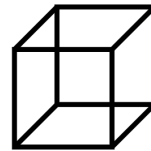
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## welcome

### to Geometry

Geometry involves the study of points, lines, planes and other geometric figures as they relate to our physical world. Students will learn to measure geometric figures and their areas and volumes; develop their logic and inductive and deductive reasoning skills. The relationship between figures and properties that make figures unique will be developed and applied to real world situations.



## expectations



be on time



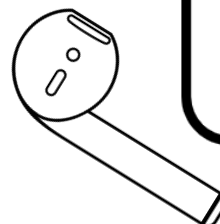
bring your pencil, notebook and chromebook



respect yourself, your peers (this includes opinions and property!) and school staff & property



take responsibility for your own learning ie. ask for help on techniques or ideas, stay focused during work time given



You must ask permission to use cellphones in class.

Cell phones need to be put into the classroom holder at the beginning of class.

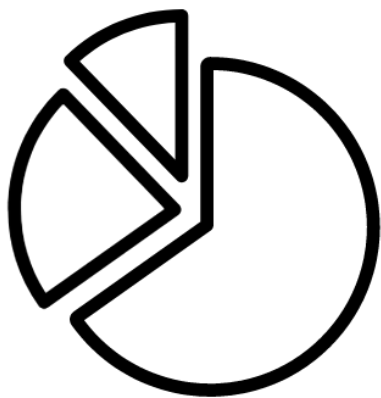
You are allowed to listen to music with headphones only during "student work time". You are not allowed to listen during presentations, demos, or any group instruction time.

Airpods may not be worn during instruction. Please remove them from your ears.

Misuse of cell phones or headphones will result in loss of privilege.

cell phone policy

Textbook: Houghton Mifflin Harcourt  
Geometry Volume 1 and 2.



# grades

and how they're weighted

## HOMWORK

Homework will be graded on completeness on a scale of 10 points per assignment. Larger assignments such as chapter reviews may be worth more. Homework must be done in pencil! Pen will not be accepted.

## SKILL CHECKS

Skill checks will be given on a weekly basis. These are designed to reinforce skills mastered in a previous math course and to strengthen skills learned in prior units.

## TESTS/ QUIZZES

Tests will be at the end of each chapter, quizzes will be announced throughout each unit. Occasionally there may be a project assigned.



CHEATING ON QUIZZES, TESTS, AND/OR PROJECTS WILL RESULT IN POINT DEDUCTIONS OR A ZERO. THE INVOLVEMENT OF SCHOOL ADMINISTRATION MAY ALSO TAKE PLACE AND FURTHER PENALTIES SHOULD BE EXPECTED.

# commonly asked questions

*What is the grading scale?*

93-100	A
85-92	B
75-84	C
70-74	D
0-69	F

*What is the retake policy?*

Students are allowed one retake per quiz or unit exam, regardless of the score on the first assessment. Two conditions must be met. First, the student will have successfully completed 100% of the homework from the unit. Second, the retake must be completed prior to taking the next unit exam. In order to retake the exam, students must stay after school for tutoring.

*Do I lose points for late work?*

Late work will be accepted until the unit test has been given. A deduction of on 3 points per day will occur until the assignment is turned in. After the next test has been administered, the most a student will receive is 50% the total points. Deductions will then be made based on the amount complete. No matter how late the assignment, it's always better than a zero.

**UNIT 1:**

**TRANSFORMATIONS**

- G.CO.A.1
- G.CO.A.2
- G.CO.A.3
- G.CO.A.4
- G.CO.A.5

**UNIT 2: CONGRUENCE**

- G.CO.B.6
- G.CO.B.7
- G.CO.B.8
- G.CO.C.9
- G.CO.C.10
- G.CO.C.11
- G.CO.D.12

**UNIT 3: SIMILARITY  
AND RIGHT TRIANGLES**

- G.SRT.A.1
- G.SRT.A.2
- G.SRT.A.3
- G.SRT.B.4
- G.SRT.B.5

**UNIT 4:**

**TRIGONOMETRY**

- G.SRT.C.6
- G.SRT.C.7
- G.SRT.C.8

**UNIT 5: GEOMETRIC  
PROPERTIES**

- G.GPE.B.2
- G.GPE.B.3
- G.GPE.B.4
- G.GPE.B.5

**UNIT 6: MEASUREMENT  
AND MODELING**

- G.GMD.A.1
- G.GMD.A.2
- G.MG.A.1
- G.MG.A.2

**UNIT 7: CIRCLES**

- G.CO.A.1
- G.C.A.1
- G.C.A.2
- G.C.A.3
- G.C.B.4
- G.GPE.A.1

signature

Share this syllabus with your parents and let them know what you'll be up to this year, and return with your parent or guardian's signature as well as your own for extra credit. It's important to include your family in your education to ensure you get the help, reminders, and support you need to succeed.

your signature

your parent/guardian's signature