



Geometry

Mr. Harmon: Ms. McCloud

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What is Geometry?

Geometry is the second in the sequence of secondary mathematics courses designed to ensure that students are college and work ready. Instruction and assessment will include the appropriate use of manipulatives and technology. Topics will be represented in multiple ways, such as concrete/pictorial, verbal/written, numeric/data-case, graphical and symbolic.

What do I need?

- ☐ Pencils
- ☐ 3-ring Binder
- ☐ Calculator:
TI-84 Plus recommended
- ☐ Compass
- ☐ Highlighters
- ☐ Dry Erase Marker
- ☐ Notebook and Graph Paper



How can I get class news?

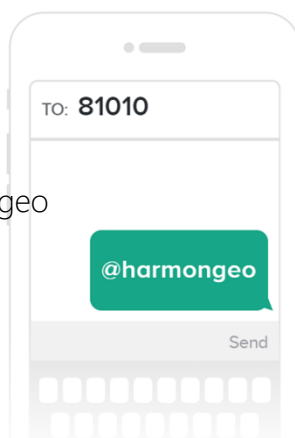
REMIND:

send:

@harmongeo

to:

81010



How will I be Graded?

There are 5 grade categories and the grade will be calculated as a weighted average.

To the right are the categories and their weight of the overall grade

Tests: 50%

EOC: 20%

Quizzes: 15%

HW: 10%

CW: 5%

What if I am Absent?

It is the student's responsibility to learn course content missed due to absence and to complete missing assignments in a timely manner.

Missing items will be recorded as ZERO until completed and will remain ZERO if the absence is UNEXCUSED. Any make up quiz not completed before the unit test date will be replaced with the unit test grade. If you are absent on review day only, you will take the test on the scheduled date. Make up times will be uploaded on the blog.

KEEP THIS SYLLABUS IN THE FRONT OF YOUR
BINDER AT ALL TIMES.

STEPS FOR SUCCESS Maintain Focus

Stay actively engaged, take notes, **participate** in discussions & ASK QUESTIONS. Refer to guided notes when completing assignments and studying

Do the Work

You should be practicing each day, even if just for 10-15 minutes. Use homework to **check your own understanding** BEFORE a graded assessment comes up.

Seek Help

Your teacher is available for extra **help** every morning from 7:30 – 8:15 and **after** school on Monday until 4:30. There are notes and additional resources available on the **blog** and internet. Seek help RIGHT AWAY when you don't understand!

Assess Your Progress

Quizzes are grade opportunities used to **assess your understanding**. Use feedback to correct missed quiz questions and clarify misunderstandings BEFORE test day. If you understand the homework, you should be ready for a quiz & if you understand all the quizzes, you should be prepared for a test.

Be Proactive

Check StudentVue regularly to **monitor your own progress**, attendance record, tardies, etc. If your grade does not meet your expectation, do not wait until the last minute to make improvements! Start working ASAP!

CLASS EXPECTATIONS

Be Here!

Participation in classroom activities is vital to the learning of mathematics. Math is a subject that builds on previously learned concepts, and one day out of class may require several days to catch up.

Be On Time!

Be seated and ready to begin when the bell rings

Be Prepared

Bring all materials to class, including completed HOMEWORK. Attend to personal needs and errands before you arrive.

Be Responsible

Take an active role in your learning. Complete all assignments and seek help right away when you do not understand. If you are absent, it is your responsibility to get missed assignments and to learn the material you missed. Refer to the blog for missed notes and assignments, as well as additional resources.

Be Respectful

to the teacher, to your peers and to the school.

All school procedures will be followed, and rules will be enforced.

Spring 2020 Calendar				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1/6 Terms, notation, line properties CO.1	1/7 Vertical, supplementary, linear, complement CO.1, CO.9	1/8 Parallel Line Properties/Application CO.9	1/9 Triangle Ext Ang & Iso. Tri/ Review CO.10	1/10 Quiz / Begin Transformations
1/13 Translation and Reflection Rules CO.2, CO.4	1/14 Rotations and Rules CO.2, CO.4	1/15 Combinations of Transformations and Map Onto CO.5, CO.3, CO.6	1/16 CTLS Transformations Quiz /Triangle Inequalities	1/17 Congruent Triangles All Congruency Theorems CO.7, CO.8
1/20 MLK-No School	1/21 Congruent Triangles Proofs and CPCTC CO.7 CO.8	1/22 Congruent Triangle Quiz/ Review CO.7, CO.8	1/23 Unit 1 Test	1/24 Dilations of Lines/Figures and Scale Factor SRT.1, SRT.2, SRT.5
1/27 Similar figures/ Application SRT.2, SRT.5	1/28 Midsegment and Triangle Prop. Thm. SRT. 4, SRT.5	1/29 Review / Prove Triangles Similar SRT.3	1/30 Sim. & Midsegment Quiz/ Trig. Ratios & Comp. Funct. SRT.6, .7	1/31 Solving for Missing Sides SRT.8
2/4 Trig. - Missing Sides and Angles - Multipart SRT.8	2/5 Trig. - Multistep and Co-Functions SRT. 6, SRT.7, SRT.8	2/6 Trig Quiz/ Trig. - App. Problems (Angles of Elev/Dep) SRT.8	2/7 CTLS Similarity and Trig. Practice Test /Review	2/8 Unit 2 Test
2/10 Circles Vocab., Central Angles C.2	2/11 Inscribed Angles C.2	2/12 Inscribed Quadrilaterals and Right Triangles C.2	2/13 Vocab Quiz/ Notes Sec and Tan Angles C.2	2/14 Secant and Tangent Angles Int and Ext. Practice C.2
2/17 Winter Break	2/18 Winter Break	2/19 Winter Break	2/20 Winter Break	2/21 Winter Break
2/24 Review All types: Angles and Arcs of Circles. C.2	2/25 Angles and Arcs Quiz/Arc Length C.5	2/26 Area of a Sector and Area of Segments C.5	2/27 Review	2/28 Unit 3 Test
3/2 Segment Lengths / Chord Properties C.	3/3 Tangent Problems (Pyth. Thm) C.4	3/4 Chord Lengths C.4	3/5 Secant Tangents (Out*whole) C.4	3/6 CTLS Segments in Circles Quiz/ Volume of Prisms and Cylinders
3/9 Volume Quiz/Cross Sections GMD.4/Review	3/10 Composite Figures and Cavalieris Principle GMD.2	3/11 Volume Quiz/Cross Sections GMD.4/Review	3/12 Review	3/13 Unit 4 Test
3/16 Equation of a Line GPE.5	3/17 Equations of Perp. And Parallel GPE.5	3/18 Circles - Graph and Write Equations GPE.1	3/19 Intersection of Circles and Lines GPE.1 / Review	3/20 Eq. Of Lines Quiz/ Midpoint and Partitioning a Line Segment GPE.6
3/23 Distance & Pyth. And Prop. Of Quads. CO.11, GPE.4	3/24 Properties of Parallelograms and Rectangles CO.11 GPE.4	3/25 CTLS Midpoint Distance and Per. Area / More Proving practice	3/26 Review	3/27 Unit 5 Test
3/30 Vocab, Set Notation, & Venn Diagrams CP.1	3/31 Overlapping and Mutually Exclusive CP.2	4/1 Overlapping and Mutually Exclusive CP.3	4/2 Independent Events CP.7, CP.6	4/3 Using Formulas Backwards CP.5
4/6 SPRING BREAK	4/7 SPRING BREAK	4/8 SPRING BREAK	4/9 SPRING BREAK	4/10 SPRING BREAK
4/13 Review	4/14 Unit 6 Test	4/15 Constructions CO.12, CO.13	4/16 Constructions CO.12, CO.13	4/17 Constructions and Points of Concurrence CO.12, CO.13
4/20 Constructions Quiz	4/21 Constructions Project	4/22 Construction Project/ Population Density MG.2	4/23 Review for EOC	4/24 Review for EOC
4/27 Review for EOC	4/28 Review for EOC	4/29 Review for EOC	4/30 Spring EOC	5/1 Spring EOC
5/4 Post EOC Day	5/5 Factoring Quadratics Review Trinomials a=2	5/6 Factoring Quadratics Review Trinomials Difference of Squares	5/7 Solving Quadratics	5/8 Quadratics Review/Quadratics Quiz
5/11 Simplifying Radicals	5/12 Adding and Subtracting Radicals	5/13 Multiply and Divide Radicals	5/14 Review Radicals	5/15 Radicals Quiz
5/18 Final Review	5/19 Early Release Day (FINALS)	5/20 Early Release Day (FINALS)	5/21 POST PLANNING	5/22 POST PLANNING