



Instructor: Mrs. Cristina Ward
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Course Rigor and Expectations:

This Honors Math course is designed for students who are ready to engage with mathematics at a deeper and more challenging level. The pace of the course is accelerated, covering more material in greater depth than a standard math class. Assignments will include more frequent and complex problem sets that require critical thinking, abstract reasoning, and a strong grasp of foundational concepts. Students will be expected to complete rigorous homework regularly, participate actively in class discussions, and demonstrate persistence when tackling difficult problems. High standards are maintained throughout, and success in this course will require strong time management, intellectual curiosity, and a serious commitment to learning.

Course Overview: Honors Geometry is an accelerated course that introduces students to mathematical logic and reasoning. Much of what is included in this course is derived from Euclid's *The Elements*, a 13-book text written around 300 BCE. Students develop the ability to understand and author formal two-column proofs of geometric theorems and apply their mastery of algebraic concepts in application problems, culminating in the study of right-triangle trigonometry and circles. Students begin to formally prove results about the geometry of the plane by using previously defined terms and notions. The correspondence between the plane and the Cartesian coordinate system is explored when students connect algebra concepts with geometry concepts. The major mathematical ideas in the Geometry course include geometric transformations, proving geometric theorems, congruence and similarity, analytic geometry, right-triangle trigonometry, surface area and volume.

Topics:

Unit #	Unit Name	Major Topics Discussed
1	Congruence, Proofs, and Constructions	<ul style="list-style-type: none"> Chapter 1 Basics of Geometry Chapter 4 Transformations Chapter 2 Reasoning and Proofs Chapter 3 Parallel and Perpendicular Lines Chapter 5 Congruent Triangles Chapter 6 Relationships Within Triangles?
2	Similarity, Proofs, and Trigonometry	<ul style="list-style-type: none"> Chapter 8 Similarity Chapter 9 Right Triangles and Trigonometry
3	Circles	<ul style="list-style-type: none"> Chapter 10 Circles
4	Geometric Modeling	<ul style="list-style-type: none"> Chapter 7 Quadrilaterals and Other Polygons Chapter 11 Circumference, Area, and Volume
5	Applications of Probability	<ul style="list-style-type: none"> Chapter 12 Probability

Expectations:

1. Be prepared: Bring all materials with you when you enter and when you leave.
2. Please be in your seat, homework out on desk, working on Do Now when the bell rings.
3. Be respectful, respect yourself, your peers, and teachers at all times.
4. Place all electronic devices away (Cell phones, Earbuds, Headphones).
5. Follow directions when given. Please ask if you have a question.
6. Abide by all rules set forth by the school, which are written in the student handbook.

*We will discuss the parameters of these expectations on the first few days of school.

Consequences:

1. Warning/Reminder
2. Teacher Detention (and Parent Phone Call)
3. Referral (and Parent Phone Call)

Example:

Teacher Detention:

You, _____, have
received teacher detention for:
☐ Inappropriate language
☐ Inappropriate behavior to another student
or teacher
☐ Arriving late to class (without a pass)
☐ _____
Serve on: _____
Day: Mon., Wed., Thurs.
Time: 2: 01 - 2:25pm
*Failure to go to detention will result in a referral

Textbook: (2022) *Big Ideas MATH: Geometry* Larson and Boswell

Access the digital book through class link. Many assignments will be given through Big Ideas.

Materials:

- Pencils with erasers
- Folder or binder
- School issued Chromebook, charged
- Suggested to download the Calculate84 app on your phone for home use.

Calculator: You are responsible for your calculator. They must be returned at the conclusion of each class.

Cell Phone/Electronics: All electronic devices including cell phones, earbuds, smartwatches, headphones must be stored away and silenced at all times. We will follow the school consequence policy for cell phones. This includes one warning followed by placing the device in the calculator pouch. Any further violation will result in a referral and phone call home.

Extra Help (SAP): I am available Monday and Wednesday during SAP period. Please make an appointment with me if you expect to attend. Do not wait until the day before a test to attend!

Grading Policy 10 - 12: Each marking period is worth 25% of the final course grade.

Grading Policy 9: Final Grade = MP1 (20%) MP2 (20%) MID (10%) MP3 (20%) MP4 (20%) FIN (10%)

Assignments are grouped into categories and will be clearly noted.

Level 1 – 20% Do Nows, Exit Slips, Check Ins, Homework, Participation

Level 2 – 30% Projects, Homework, Classwork

Level 3 – 50% Quizzes, Mastery Tasks, Major Unit Tests, Projects, Midterm (MP2), Final (MP4)

Attendance Policy/Absences: If a student is absent (including school related activities), **THE STUDENT** is responsible for looking at Google Classroom to see what was missed. Since math topics build on one another, it is imperative students email or meet with the teacher during SAP as soon as possible to make up work. **Students absent during a test or quiz should be prepared to take it immediately upon return.** Leaving class to use the bathroom or see a nurse should be quick and infrequently done to avoid missing course work. Please ask the teacher when you need to do so.

Homework: Homework provides the student with the opportunity to practice and reinforce skills, and it will be assigned **FREQUENTLY**. Homework may be graded based on completion or accuracy depending on the assignment. **NO WORK – NO CREDIT.** Students are expected to correct homework problems as they are reviewed in class. Keeping up with homework is an expectation for honors level promotion.

Google Classroom: Students are expected to participate in Google Classroom on a daily basis. Daily work, links to assessments, homework assignments, study guides, answer keys, resources, etc. will be posted. Use the “classwork” tab to find these assignments. Parents will have access to Google Classroom as a “guardian.”

Genesis: Please check Genesis regularly to note your course grade and missing work. **A “M” in Genesis indicates missing work that needs to be made up and averages into the grade as a “0” on the assignment.** Until the work is made up, it may drastically decrease your grade in the course. **A “0” indicates the assignment was not completed and may not be made up.** Please keep track of school cut off dates if work is not completed on time.

Interim Marking Period Dates

Interim Period	Open
Interim MP 1	10/6/2025
Interim MP 2	12/18/2025
Interim MP 3	3/6/2026
Interim MP 4	5/15/2026

Marking Period	Start Date	End Date
Marking Period 1	9/4/2025	11/13/2025
Marking Period 2	11/14/2025	1/30/2026
Marking Period 3	2/2/2026	4/14/2026
Marking Period 4	4/15/2026	6/23/2026

Cut Off Dates for Incomplete Assignments

Marking Period 1

September 18, 2025
October 6, 2025
October 22, 2025
November 13, 2025

Marking Period 2

December 2, 2025
December 18, 2025
January 15, 2026
January 30, 2026

Marking Period 3

February 17, 2026
March 5, 2026
March 20, 2026
April 14, 2026

Marking Period 4

April 29, 2026
May 15, 2026
June 2, 2026
June 22, 2026

Cheating - Cheating takes various forms, including copying from another student, plagiarizing, using cheat sheets or other unauthorized sources, allowing others to copy, or using online research papers or language translation services.

- Any form of cheating will result in a grade of zero (0) for the test or assignment for which it occurred.
- The consequences for plagiarism will depend on the extent of the plagiarized material used in the assignment. The teacher will contact the parent or guardian as well as the guidance counselor.

As per the [Long Branch Board of Education Policy #5701](#), any student found exhibiting academic dishonesty may be subjected to a full range of penalties including, but not limited to reprimand and loss of credit for all of the work that is plagiarized. Academic dishonesty will automatically disqualify students from membership in the National Honor Society. **The student will receive a zero (0) for the assignment and parent conference with the administrator or designee.**

Bathroom Policy: Please use the bathroom infrequently, it should not be done every class. To ask, raise your pinky and wait for recognition from the teacher. Then, sign out the board and take the pass. It should take approximately 5 minutes and you must use the restroom on this floor. Return the pass when you enter the classroom. You are responsible for making up any missed work.

Answering Questions: I ask a lot of questions. Please raise your hand to answer to give other students a chance to gather their thoughts.

Food: You may eat a snack or drink in class as long as it is not disruptive and you clean up your space. Any food with nuts will be confiscated.

I have read the course syllabus for this class and I understand the expectations and requirements. I understand the rules and policies set forth in the student handbook are also applicable in this course.

Student Signature:

Date:

Parent Signature:

Date: