

# Naperville North High School

## Honors Geometry



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### Mission

To educate students to be self-directed learners, collaborative workers, complex thinkers, quality producers, and community contributors

### Course Description

This highly challenging course includes an intense treatment of all topics in Geometry. Additional topics will be added. This course offers students the opportunity to learn a variety of problem solving techniques and how to apply them to challenging problems. A major emphasis is placed on construction of a formal proof. An exceptional grasp of Algebra 1 concepts is assumed as a prerequisite. A graphing calculator is required.

### Course Standards

- Proofs
- Transformations
- Congruent Triangles
- Lines in the Plane
- Parallel Lines and Related Figures
- Quadrilaterals
- Polygons
- Similar Figures
- Right Triangles
- Circles
- Lines and Planes in Space
- Area and Volume
- Coordinate Geometry
- Constructions

### Grading Calculation Definitions

At Naperville North we define formative and summative work as follows:

- Formative work is used to monitor student's learning to provide ongoing feedback that can be used by students to improve their learning. Examples may include: practice activities, homework, quizzes, etc.
- Summative work is used to evaluate student learning at the end of an instructional unit or segment of learning by comparing it against a standard or benchmark.

### Grading Practices

Grades communicate each student's progress toward mastery of goals/standards for the course.

- No extra credit will be issued.
- Violations of the academic integrity policy will be consequence by administration in collaboration with the DC/teacher.
- In Infinite Campus, a score of "Missing" (M) will indicate an assessment has not been turned in and the comments section will include a specific date by which students can still submit. After that date, a zero (0) will be recorded..
- Grade book categories will include Practice, Evidence-Quizzes, and Evidence-Tests
  - Practice work includes homework or classwork - it must be submitted on the original due date and WILL NOT be accepted for credit after the due date
  - Evidence tests and quizzes - if a legitimate attempt is made on an assessment, a score of 50% will be the lowest possible grade.

## Grading Disbursement

A= 100-90%

B= 89-80%

C= 79-70%

D= 69-60%

F= 59-0%

Semester Grade:

- Coursework = 85% (Evidence-Tests= 70% , Evidence-Quizzes= 20%, Practice= 10% )
- Final Exam =15%

## Academic Integrity Code Statement

District 203 students are challenged to address the academic process enthusiastically, diligently, and most importantly, honestly. It is the responsibility of our students, teachers, and administration to uphold the fundamental academic values of honesty, responsibility, fairness, respect and trust. The integrity of our district's academic programs is built upon these principles.

Academic integrity violations include, but not limited to, cheating; plagiarism, self-plagiarism or copy infringement; obtaining or providing an unfair advantage; falsification of documents; unauthorized access to records; and inappropriate collaboration, whether intentional or unintentional. The classroom teacher and administration will collaborate and exercise professional judgment in determining academic integrity violations.

The use of translating devices and/or direct translation from a native speaker or tutor is strictly forbidden. You must do your own work. Remember: There is a significant difference between getting help and having something or someone else do your work for you. There are consequences both academic and non-academic for students who do not adhere to this policy. Violations will be tracked and added during your time at NNHS.

## Reassessment Policy

Students will be provided multiple and varied opportunities to demonstrate mastery of learning standards. The purpose of reassessment is to allow students to demonstrate mastery of course standards in which they remain deficient.

- Students who have earned below 80% on a CHAPTER TEST, will be allowed to reassess. To be eligible for reassessment, students must:
  - Demonstrate readiness for the initial chapter test through completion of at least 80% of practice.
  - Complete designated learning experiences as assigned by the teacher to prepare for reassessment
  - Students are expected to seek additional help before they take the reassessment.
- Reassessments MUST be completed within 5 school days.
- Higher reassessment grades will replace the original chapter test score (but will not exceed 80%).

## Additional Resources for Support

- Make an appointment with your teacher: before school, after school, or during the school day
- Drop in for Peer Tutor/Math Help before school or during lunch periods through the Literacy Center.
- After-School Tutoring in Learning Commons (check with Student Services for schedule.)
- Online Resources:
  - Digibook Geometry: <https://naperville203geometry.weebly.com/>
  - Canvas (notes, practice): <https://naperville.instructure.com>
  - Khan Academy Geometry: <https://www.khanacademy.org/math/geometry>

## Parents & Guardians/Communication

Naperville North believes in a collective partnership with parents/guardians which provides students the best opportunities for success.

Some ways parents/guardians can support their student's learning are:

- Encourage your student to speak directly with their teacher about questions or concerns.
- Actively check Infinite Campus for their student's grade.
  - Infinite Campus is a tool to monitor student progress until final course grade is posted.
  - Monthly progress grades are posted and represent the current grade of a student in the course at that moment in time.
- Discuss missing assignments, reiterate due dates, help organize folders, materials, assignment notebooks and review upcoming projects and assessments.
- Teachers make every effort to respond to parent emails and phone calls within 24 hours during the work week.
- The best way to communicate with teachers is through email; however, if you haven't received a response within 48 hours, please resend the email or call their voicemail. Your email may have been filtered.