Course Information:
Geometry is designed for students who have demonstrated proficient mathematical abilities. Students will use visual, spatial, algebraic, and logical skills to explore concepts and principles in Euclidean geometry. Opportunities are provided to apply the geometric theorems to problem solving situations that require abstract reasoning abilities, and logical reasoning is taught through various kinds of proofs.

Course Materials:
Textbook: Glencoe Geometry (Chapters 1-11) and Key Curriculum Discovering Geometry will be available in the classroom, or may be taken home by request.
Materials: You are always expected to have at least 2 PENCILS, math binder, calculator, and paper for binder (other recommended materials: colored pens/highlighters, protractor, ruler, compass, graphing calculator).

Class Starters: Classes begin each day with a class starter activity that may be a review of material learned from the last class, a new exploration, or a review of algebra skills. Class starters may be collected as classwork.

Tests & Quizzes: All tests and most quizzes will be announced in advance. Show ALL work neatly (full credit is not given unless all relevant work is shown).

Homework: Expect homework to be assigned most days. Homework will be checked or collected at the beginning of class, while students work on the class starter. Credit is based on completeness and correctness and will be on the portal under “self-directed learner” (full credit is not given unless all relevant work is shown and all problems are attempted).

Extra Help:
Extra help is offered at least two days per week, before school (7:00-7:25) and after school (2:15 – 3:30). The days offered each week will be posted on my website. Students are encouraged to join me in room 255 to ask questions, get help on course material, or work quietly on homework. Please, please, please ask questions right away and see me outside of class if you are confused. Don’t wait until you are overwhelmed! I would love to help!!

Khan Academy: khanacademy.org/ (A free website to access for additional help videos and practice)

Math help sessions after school with Dean Pioccone once per week
Policies & Procedures:
All policies and procedures of this class are aligned with those described in the SHS Student Handbook.

Absences: You are expected to be in class every day and be on time. If you are absent, you must get the notes from a classmate as well as complete any missed assignments, tests, and quizzes. Blank copies of worksheets are available from Ms. Smith. You are responsible for setting up a time to make up work before or after school with Ms. Smith. In accordance with the Student Handbook, students who are excused absences or suspended have one day for each day of absence to make-up missed schoolwork and students who are truant or unexcused will receive a “zero” for any missed work.

Cell Phones/Personal Electronics: There will be no use of cell phones, iPods, or other personal electronics in the classroom unless permission is expressly given by Ms. Smith. In accordance with the Student Handbook, the use of personal audio devices, where audio can be heard, is prohibited during school hours. Within a classroom, teachers may provide a warning, confiscate and return at the end of the block. When electronic device is given to dean:
- First offense: Returned at end of day
- Second offense: Parent must pick up
- Third offense: Parent must pick up, one-hour detention
- Subsequent: May result in suspension

Classroom Rules: Everyone in the class is expected to have and demonstrate respect for themselves, respect for each other, respect for the teacher, and respect for the classroom/materials. Additionally, students are expected to keep comments positive and helpful. At all times, students are expected to follow all of the rules discussed in the Student Handbook. Consequences include before/after school detentions, school detentions, and/or referrals to the Dean.

Grading:
80% Semester grade made up of Summative Assessments
   Chapter tests, quizzes, projects, graded classwork, quick checks
20% Final Exam

Competencies
All assignments will be graded based on proficiency in the following four competencies:

Applying Geometric Properties (AGP): Using knowledge of vocabulary and patterns involving geometric figures to solve a problem. [30% of quarter grade]

Constructing Logical Arguments (CLA): Being able to write conjectures, support answers with sufficient evidence, and write geometric proofs. [20% of quarter grade]

Expressing Geometric Properties as Equations (EGP): Using knowledge of vocabulary and geometric figures to write an equation to solve a problem. [30% of quarter grade]

Geometric Measure and Dimension (GMD): Using geometric tools to measure and construct objects, and solving problems involving size, length, distance, and volume. [20% of quarter grade]

Each assignment will be entered into Infinite Campus under each of the competencies addressed in that assignment, ranging from only one to all four competencies (depending on the assignment). The total points in each competency for that assignment will be determined by the questions asked (so it may have more points in one than another). Students may also receive different grades in each competency for the same assignment. Thus, each assignment will have multiple competency grades instead of one total grade.

For example, if an assignment called “Quiz1” was entered into Infinite Campus, it may look like the following:

<table>
<thead>
<tr>
<th>Competency</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGP</td>
<td>5/6 (83%)</td>
</tr>
<tr>
<td>CLA</td>
<td>1/1 (100%)</td>
</tr>
<tr>
<td>EGP</td>
<td>8/15 (53%)</td>
</tr>
<tr>
<td>GMD</td>
<td>9/10 (90%)</td>
</tr>
</tbody>
</table>

So if this were the only grade, this student’s semester grade would be:

(83)(.30) + (100)(.20) + (53)(.30) + (90)(.20) = 78.8%
Please feel free to email me if you have any questions about grading.

Report Card comments will include feedback on how well you do the following:
- Bring the necessary materials to class (pencils, binder, paper).
- Cooperate and respectfully work with your classmates and teacher.
- Help classmates when you can (and when it is appropriate).
- Ask relevant questions and be active in class discussions.
- Be responsible with your class work, homework, and assessments.
- Contribute to a positive classroom environment.
- Abide by the classroom rules and procedures.

**Geometry Retake Guidelines**

1. **Who is eligible to retake an assessment?**
   - The student must demonstrate a genuine effort on the original assessment
   - The student must demonstrate an effort to prepare for the original assessment such as completing related homework and classwork assignments.

2. **On which assessments are retakes offered?**
   - It is up to the teacher whether to offer a retake on a particular assessment.
   - It is up to the teacher to decide whether the student can retake the whole assessment or a specific portion of the assessment.
   - No student may retake a midterm/final exam.
   - No student may complete a retake the week before the grading period ends.

3. **What does the student need to do?**
   - The student must arrange to meet with the teacher to discuss test corrections (see the other side of this page for the proper format for test corrections).
   - The student must do test corrections before meeting with the teacher.
   - The student must arrange for a second time to retake the assessment.

4. **When must the retake be completed?**
   - The student must meet with the teacher AND take retake the assessment **within 5 school days of original assessment**.
   - It is up to the teacher whether the student may do more than one retake within the 5 day period
   - Retakes may NOT be done during class time
   - The retake must be completed in one session.

5. **How does retaking the assessment affect my grade?**
   - The retest grade will replace the original grade (**even if the retake grade is lower than the original**).
How to do Test Corrections

- Do test corrections on a separate piece of paper

- Do the following for EVERY problem on which you lost points:
  - Give the correct answer to the problem
  - Show all the relevant correct work needed to arrive at the correct answer
  - **Explain WHY** you lost points (i.e. what did you do wrong on the original test that resulted in loss of points?)

- Each problem should be numbered

- All work should be done neatly

- The original test should be stapled behind the test corrections

- Include the provided 'Request for Retake” cover page (available in Room B329 or on the class website)
I look forward to a wonderful semester! Please feel free to email me if you have any questions, comments, or concerns throughout the year. I encourage you to attend extra help sessions and utilize Khan Academy for supplemental videos and practice!

Thank you,
Ms. Kelly Smith

*Please read and sign the bottom. Turn in the completed section to Ms. Smith by Wednesday, September 5th.*

I have read this course management plan and understand the expectations for Ms. Smith’s Geometry class and have shared them with my parent(s)/guardian(s).

Student Name: ____________________________  Student Signature: ____________________________

Student School Email: ____________________________@nhsau57.org

Parent/Guardian Name(s): ____________________________  Parent/Guardian Signature: ____________________________

Parent Email: ____________________________  Parent Phone #: ____________________________

Please share any comments below (optional):