**Geometry ADV Ms. Heyl**

(Mrs. Shaffer – November)

**Contact Information**

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| **Classroom:** 156  **Email:** nheyl@nhvweb.net | **Phone:** (908) 713-4199 ext 4479  **Website:** http://www.nhvweb.net/nhhs/math/nheyl/ |

Welcome to Advanced Geomety! ☺ This course will build on student’s algebraic knowledge by introducing visual reasoning and problem solving skills. Success in this class will depend largely on the amount of effort you put into your learning. The amount of fun that we can have in the classroom depends on your cooperation and readiness.

1. **Course Outline:** *(a more detailed outline is on my website and google classroom, which breaks down the relative chapters in the book. Textbooks are available as a hard copy or online)*

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| Unit 1: Elements of Geometry  Unit 2: Angles  Unit 3: Triangles  Proofs Unit: Writing cumulative proofs  Unit 4: Transformations  Unit 5: Similarity | Unit 6: Area and Perimeter  Unit 7: Surface Area and Volume  Unit 8: Quadrilaterals  Unit 9: Circles  Unit 10: Logic |

1. **Required Materials:** You are expected to come to class **EVERYDAY** with

* 3 ring binder (for guided note packets, assessments, etc.)
* Pencils (NO PEN on any homework, classwork, tests or quizzes)
* Graphing calculators are required TI-83 or 84
* Charged Chromebook
* *Optional Materials*: graph paper, highlighters, and colored pencils

1. **Grading Policies**

Your grade in this course will be based on a total point system. Your score will be converted to a letter grade based on the district policy which can be found in the student handbook. **ALL ASSIGNMENTS WILL BE POSTED AT LEAST A WEEK IN ADVANCE.**

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| Marking period grades can be calculated as follows: |  |
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| **Assessment** | **Points** |
| Tests | usually 100 points each |
| Quizzes | 30 – 50 points each |
| Homework | 3pts for excellent effort on homework  2pts for good effort shown (more than half completed)  0 pts for little or no effort shown  (1 point may be earned for completed HW turned in late) |
| Notebook Check | up to 20 points |
| Projects | up to 50 points |

Year-end grades will be calculated as follows:   
22.5% (MP1 Grade) + 22.5% (MP2 Grade) + 22.5% (MP3 Grade) + 22.5% (MP4 Grade) + 10% (Final Exam) = Final Grade

1. **Classroom Rules & Expectations**
2. **Arrive on time.**   
   - You are considered late if you arrive after the bell.   
   - 3 tardies will result in an after-school teacher detention.  
   - 2 teacher detentions result in an official write-up with the main office.
3. **Be responsible.**- Come to class with your materials every day. This includes class notes, pencil, paper/notebook, calculator, charged chromebook and any assignments that are due.  
   **- CHECK YOUR GRADES ON ASPEN FREQUENTLY.**
4. **Respect our classroom.**   
   - Respect one another. Any disrespectful actions/speech/writing will result in either a teacher detention or office detention depending on the severity of the issue. This includes profanity or derogatory language of any type.  
   - Respect is a two way street. I respect all of my students and expect respect in return. For example, I listen and promptly respond to student questions. In return, you are expected to listen and promptly respond to teacher given instructions.  
   - Respect school property. We share our classroom therefore it is our responsibility to keep it clean. Leave your desk and area as it was when you arrived.
5. **No cell phones or ipods.**- Cell phones and ipods are not permitted during class. I will collect any devices that I find you using. Failure to comply will result in disciplinary action in the main office.
6. **No food or open drink containers.**

- Only drinks that have a lid or are sealable are permitted.

- They must be off desks at all times.

- If you spill it, you clean it up.

1. **Adhere to the dress code.**- Specific details regarding appropriate student dress can be found in the student handbook.  
   - Please note that hats and hoods are not permitted.
2. **Academic Expectations**

1. **Try your best** – all day and every day.

2. **Ask for help when you need it** – take responsibility of your learning and access academic supports. Don’t be shy!!1 I am here to help!!

3. **Do your assignments yourself** – cheating prevents learning. Cheating on any assignment will not be tolerated. In an instance of copying, plagiarizing, or cheating both the student copying and the student who provided their paper to copy will both receive zeros. There is a major difference between working together and copying.

1. **Classroom Policies & Procedures:** Assist in making the class run more smoothly and efficiently.
2. **Entering the classroom.**

- Students will be assigned a seat. Sit in your assigned seat, take out your homework from the previous night, and follow any directions on the board.

1. **Returning from an absence.**

- All daily notes will be posted on the google classroom. Any handouts from the missed day can be found in the “absent” folder designated for your class.

- **You are responsible** for checking the google classroom to get any missed notes, bellwork, classwork, and homework assignments  
- **You are responsible** for showing me your missing homework and any work that you make up in order to receive credit.   
- You have the same number of days you were out to make-up the work you missed (exceptions at the discretion of the teacher).  
- If you are **missing class because of a school function**, you must show me the work on the day it is due. Find me throughout the day or email it to me in order to receive full credit.

1. **Making up a missed quiz/test.**- **You are responsible** for scheduling a make-up quiz/test. You may take a missed quiz/test during a study hall orin the math resource room, or schedule a time to make it up after school.  
   - You will be given the same amount of days that you were absent to make up the assignment. **Credit will be lost** for not completing a missed quiz/test within the given time frame. (Exceptions at the discretion of the teacher.)
2. **Calculator**

- You will be using a graphing calculator during the school year. It is not necessary to buy one, but it is advisable as it will be necessary for your college career.

- If you lose, damage or do not return your **ASSIGNED** calculator for ***any reason*** (including theft) at the end of the year, you will be charged $100 (TI-83+) or $125 (TI-84) to replace it.

- Forgetting to bring your calculator or having one that does not work does not excuse you from

classwork, tests or quizzes and I **DO NOT** supply replacement calculators for that day.

REMEMBER BATTERIES ARE YOUR RESPONSIBILITY, and the calculator alerts you to

replace them in plenty of time.

1. **Leaving the Room**- Fill out a pink pass to leave the room for a personal reason. Ensure the pass is signed by me.

- No one is permitted to leave the room during the first or last 15 minutes of class.

- Only one person will be allowed out of the room at a time.

1. **Dismissal**- I dismiss the class verbally, not the bell!   
   - Class will not be dismissed unless everyone is seated. Do NOT line up at the door.
2. **Extra Help**

* Please ask questions and come see me for extra help. It increases understanding and decreases frustration.
* Do not hesitate to use the Math Resource Room (Room 215)
* **I also stay after school almost every day in Room 156 and will be more than willing to provide extra help!! ALL YOU NEED TO DO IS ASK.**
* Take a look at my website for updates: http://www.nhvweb.net/nhhs/math/nheyl
* If you have any questions for me at any time, feel free to email me at nheyl@nhvweb.net.

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| **Student/Parent Information**  **Homework #1** | **Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Course:** Advanced Geometry  **Block:** \_\_\_\_\_\_\_\_\_\_ |

**1. Student Homework**

Previous math class/middle school & grade received:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What ways do you learn best? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What are your plans for after high school? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Do you own a graphing calculator? (circle) yes/ no … (TI-83 or TI-84 is what we will be using)

(YOU WILL NEED TO ASK TO SIGN A SCHOOL CALCULATOR OUT WITH ME)

**Enroll in google classroom… our class code is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Enroll in ALBERT.io … our class code is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. Parent/Guardian Information**

Important Information:

1. We will be using google classroom as our main resource for this class. This includes a feature that gives you the option to receive a copy of all the current units that we are working through. I update this with guided notes, solutions, and extra practice. If you would like me to add you to this classroom, email me and I will give you the code.
2. I constantly update ASPEN with assignment grades as well as upcoming assignments, so it is a great way to ensure your child is keeping up with the material.
3. Please know that I am here for your child and will help them in any way possible. I sync my phone with my emails, so do not hesitate to reach out with anything! I look forward to a great year with you and your child.
4. I make myself available during the day on my preps, during my lunch, and after school almost every day for your child.

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| Name(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  If you have a preferred contact method OTHER than what is on your child’s ASPEN information, please let me know.  Any other information that I should be aware of to help your child be successful during the school year? |  |
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Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_