

Rachael Neibling  
316-218-4600 ext. 31604  
neiblinr@usd385.org  
www.neiblingmath.com  
@RNeibling

# Geometry, Statistics, & Trigonometry

## Course description

Students in Geometry, Statistics, & Trigonometry will expand on the Geometry concepts that were introduced in Middle School. They will also look at how shapes are used in the real world. Students will use skills learned last year in Algebra 1 to help create connections and see patterns in the shapes. Throughout the year, the students will use logic to create connections. The focus will be on the Kansas State Standards with relationship to Geometry.

## Materials Needed

3 Ring-Binder  
Spiral Notebook (for this class only)  
Compass  
Protractor  
Ruler  
Highlighters (3 colors)  
Dry Erase Markers (Students will use and keep their own)  
Notebook Paper  
Pencils/Pens  
Graphing Calculator STRONGLY Recommended  
(The AHS Math Department recommends the TI-84+ or TI-83 family of calculators. They are supported by all textbooks and will be used for all math classes in high school and in college. The use of a graphing calculator in Algebra 1 will allow the student to become much more proficient in skills that will vastly improve their performance on the ACT and in future math classes.)

## Grading Scale

A 90-100	20% - Assignments
B 80-89	10% - Quizzes
C 70-79	55% - Tests
D 60-69	15% - Final
F 0 - 59	

## Grading

Each homework assignment will be worth 10 points. Each student will be required to complete their work in a notebook that will be turned in at the end of each chapter as part of their homework grade. All problems requiring multiple steps must have work shown, this is true for both homework and assessments. Without appropriate work and steps shown, students will not receive full credit. Homework will be assigned online through the textbook website.

## Test Retake Policy

GST students will be allowed to retake 3 tests per semester. **You must have turned in at least 80% of the assignments for the chapter that you want to retake.** Test retakes need to be scheduled with the teacher and re-taken by the day of the next chapter test is taken. This will also be posted on the website. There will be required review activities to complete before the retake begins, which cannot be completed the same day as a retake.. The higher of the two test scores will be recorded.

## Late Assignments

Late assignments are accepted for full credit through the day before a chapter test at 3 pm. Late assignments will not be accepted on the day of the chapter test or any day after. If students are abusing this policy, the instructor has the right to give a warning to the individual student that in future chapters, late assignments will not be accepted.

## Classroom Expectations

Students are expected to follow the following expectations:

1. Respect one another and all staff members.
2. Be prepared for class.
3. Seek extra help when needed. I am available beginning at 7:30 each morning until 3:40 each afternoon. Students are also welcome during Advisory.
4. Choose your words carefully. Use of derogatory language or foul language will result in an automatic 30 minute detention, no warnings.

## Cell Phones and Personal Electronic Devices

Cell Phones and other PEDs (such as iPods) are not to be used in class without direct permission or instruction from the teacher. Students may either have self control to keep their phone put away or they may place it in the Charging Station. Students that must be asked to put a cell phone away, will place it in the Charging Station.

## Institutional Policies

Policies outlined in the AHS Student Handbook will be the standard for academic and behavioral issues including, but not limited to tardies, unexcused absences, use of Chromebooks, and academic dishonesty.

## Classroom Policies

Water and snacks that are small are allowed unless distractions, mess, and/or abuse of policy occurs and teacher announces change to the policy. A properly completed Digital Hall Pass is required before students will be allowed to leave the room. Plan to use the restroom before class starts, passes will not be granted during lecture, activities, or assessments. Tests will not leave the classroom. Students are more than welcome to come and look at their test anytime the teacher is available.

## Calculators

The use of calculators is a privilege, not a right. Students are free to use the calculator as long as they are using the device appropriately. There will be times when calculators will not be allowed, but the students will be notified ahead of time. Inappropriate use consists of playing calculator games, sharing calculators during an assessment, the use of calculator for things other than educational purposes, and all other actions deemed inappropriate by the instructor. Breaking calculator rules can result in the loss of calculator privileges during class, which may include tests and quizzes.

***\*Policies are subject to change at the instructor's discretion***

**Wish List for Our Classroom**

- Kleenex, Kleenex, and more Kleenex
- Candy for Rewards/Games (non-peanut types such as twizzlers, starburst, smarties, jolly ranchers, skittles, suckers etc.)
- AAA Batteries

**Materials Needed for Each Student**

- 3-Ring Binder
- Spiral Notebook
- Highlighters (3 colors)
- Compass
- Protractor
- Ruler
- Dry Erase Markers (Students will keep/use their own throughout the year.)
- Paper/Pencils/Pens
- **Graphing Calculator** - TI-83 or TI-84 STRONGLY recommended. Casio brand is cheaper, but in the long-run textbooks, materials, and all teachers throughout high school and college are trained to use a TI-83 or TI-84 model. This calculator should get your student through their high school and college classes. (As long as they don't lose it!) :)

Please print your name and sign this form agreeing that you have read and understand the entire Geometry, Statistics, and Trigonometry Syllabus. Form must be returned to Mrs. Neibling by Wednesday, August 22<sup>nd</sup>.

\_\_\_\_\_  
Student Name

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Parent Name

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