

Geometry Syllabus
Teacher: Krista Knight

Welcome to Geometry!

Description: Geometry includes logical reasoning skills, and applies algebraic concepts to geometric shapes and patterns. It includes arithmetic, algebra, coordinate geometry, trigonometry, and, most of all, functions---the general concept as well as specific functions. Students come to this course familiar with basic arithmetic, algebra.

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| 1. Essentials of Geometry | 7. Right Triangles & Trigonometry |
| 2. Reasoning & Proofs | 8. Quadrilaterals |
| 3. Parallel & Perpendicular lines | 9. Transformations |
| 4. Congruent Triangles | 10. Length & Area |
| 5. Relationships with triangles | 11. Surface Area & Volume |
| 6. Similarity | 12. Circles |

Materials:

1. A graphing calculator
It is **highly** recommended that students purchase their own calculator. High school math and science classes support the TI 83, 83 Plus, or 84 Plus. If students choose to use a different graphing calculator, they should have a manual and be prepared to instruct themselves in alternate methods. Please record your serial number so that we can help in the event of loss.
2. A drawing compass.
3. Pencils (assignments that are done in pen will have 15 points deducted automatically)
4. RED grading pens (sometimes students will grade their own work in class)
5. Notebook paper
6. Three ring binder ---The binder may be shared with other classes – a separate binder is not required. They will, however, need two sections within their binder for Geometry (Notes and Assignments). There will be periodical binder checks to make sure students are keeping up with their materials.

****Please have all of these materials by next Tuesday (September 1st).****

In addition to the students' personal materials, I request that each student contributes a box of Kleenex to the classroom. My classroom has 180 students coming through it each day. Kleenex boxes run out very quickly, especially during high allergy seasons.

We will be using McGraw-Hill's Geometry Textbook this year. I have a class set of physical textbooks, while students will be accessing the virtual textbook outside of class via their own device.

Grading: Grades are divided into two areas: formative and summative.

<u>Formative Items: 30%</u>	<u>Weight</u>
1. Homework/Daily Grades	1
2. Some Quizzes	1-3
3. Smaller projects	2

<u>Summative Items: 70%</u>	<u>Weight</u>
1. Projects/Presentations	1-3
2. Some Quizzes	1-2
3. Tests	3

Important: Mastery of daily work will be checked in one of the following manners-

- The assignment may be graded.
- The assignment may be spot checked for understanding.
- A homework quiz may be given to assess mastery.

Make-up Work:

1. Students must make-up work when absent.
2. Any assistance or further explanation from the teacher can be obtained during tutorials or with an appointment. **Tutorials are offered Monday-Friday from 8:20 to 8:55 a.m.** After school tutorials are available by appointment only.
3. Students who are absent have a maximum time to complete make-up work and/or assessments equal to the number of consecutive days missed by the student. Previously announced projects must be turned in upon the student's return to school if they are absent on the due date.
4. Students are expected make arrangements with the teacher to make-up quizzes and/or tests in a timely manner. Failure to do so will result in a zero. If the student is present in class for a test review, but absent for the test, the student is expected to make up the test upon the day of return.
5. Students who will be absent from school for school-sponsored extracurricular activities shall request assignments and assessment information from their teachers in advance of the absence. Assigned work and/or assessments missed due to a school-sponsored extracurricular absence shall be due upon the student's return to class unless arrangements are made with the teacher in advance of the absence. Additional days are at the discretion of the teacher if arrangements are made in advance.
6. Make-up work is the STUDENT'S responsibility.

Math Department Grading Policies:

1. Late work is not accepted (we do **NOT** accept late work for a 70).
2. Long Term Due Dates: projects and assignments with long term due dates will receive a 3-day window of opportunity for submission. There will be a due date and then a deadline. Anything turned in after that window or deadline is a zero.
3. For projects, a 20 point grade deduction will be assessed each day it is late.
4. Mechanical failures such as printers breaking, ink depletion, computers crashing are not an acceptable excuse to miss a deadline since deadlines are given in advance and with a three day window. As a rule of thumb, do not wait to print something the night before it is due.
5. Use the library to print out documents. Teachers cannot print documents for students. So plan to print the item well before it is due. It is better to turn in a hand-written copy than nothing at all.
6. All assignments are due at the beginning of the period.

Note: In case of emergencies, mishaps, errors of judgment, busy schedules, etc., each student will be given three coupons per semester which he/she may use to turn in a homework assignment one day late. Once these have been used or lost, there is no alternative to the zero.

Class rules:

1. Students should be in the classroom when the tardy bell BEGINS to ring and be ready to work.
2. Students should bring appropriate materials and books to class daily.
3. Students have full responsibility for obtaining and returning make-up work.
4. Students should turn in classwork and homework on time.
5. Students should remain in class during the entire period; and therefore, students should take care of any personal business before class begins.
6. Students should not use iPods, cell phones, games or other such devices in class without express permission from the teacher; if a student does use these items in class without permission, **they will be confiscated.**
7. Students should treat their classmates and teacher with respect and be courteous.
8. Students should help create and maintain a positive and safe learning environment.
9. Students should treat personal and school property with respect.
10. Students should not plagiarize or cheat or share their work with other students.

According to the *DSHS Student Handbook*:

“Academic misconduct includes academic dishonesty, cheating, and plagiarism. Academic misconduct is considered both an academic and a non-academic behavior issue. Grades on assignments that are plagiarized or that were earned through academic misconduct do not accurately reflect the level of the student’s academic achievement. The determination that a student has engaged in academic misconduct will be based on the judgment of the classroom teacher or other supervising professional employee, taking into consideration written materials, observation, or information from students. A grade of zero will be recorded for these assignments.” An extended day is also part of the discipline action for academic misconduct.

IMPORTANT!

Unless your teacher specifically tells you that you may work with other students on an assignment, **you are expected to work on all assignments by yourself, using only your own thoughts, ideas, and reasoning.**

Contact Information

Email: krista.knight@dsisdtx.us
Room: D.141
Phone: (512) 858-3263
Conference: 1st Period, 9:00-9:49
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Please cut, sign and return tomorrow, August 25th (this will be your ticket into class):

I have read and understand the syllabus for this class.

Student Signature

Parent/Guardian Signature