

Algebra 1/Geometry 1 Syllabus

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Tutoring and Office Hours:
7th hour

Required Text:

Title: Algebra 1, Third Edition
ISBN: 1-56577-134-6
Author: John H. Saxon, Jr.
Copyright: 1997

Required Materials (Bring to Class Everyday):

Pencil
Highlighter or grading pen
Notebook or paper in 3 ring binder for notes
Covered textbook (paper only)
Expo markers
*Calculator (TI Nspire cx)

*A calculator is optional for Algebra/Geometry 1. We'd like you to have your own by Algebra/Geometry 2. If you purchase a new calculator, Texas Instruments TI Nspire cx is the preferred model. Please bring in the page of your new calculator's packaging that has the rewards points. We use them to get free technology from Texas Instruments.

Course Goals/Objectives:

Students will study the topics of Algebra/Geometry 1 numerically, graphically, analytically, and verbally. They will utilize a graphing calculator to facilitate this study.

"Essential Learnings" of Algebra/Geometry 1 include mastery of arithmetic (whole numbers, fractions, decimals), graphs (plotting data, graphs on the number line, graphs on the coordinate plane), number sets (finite sets, integers, real numbers), measurement (English and metric, conversion by unit multipliers), ratio (proportion, percent, rate), exponents and roots, statistics and probability, simplifying algebraic expressions (arithmetic, exponential, radical, rational, polynomial), equations (simplifying equations, solving equations, linear equations, quadratic equations), functions, geometry (lines, points, planes, angles, polygons, circles, triangles, geometric solids, perimeter and circumference, area, surface area, volume, Pythagorean Theorem), and applications using all of the above.

Course Requirements

Students will be accountable for knowing and following the rules as described in the Student/Parent Handbook as well as the Jeffco Conduct Code. I will maintain an orderly classroom that promotes a learning environment. Students will be considered TARDY if not in their assigned seats when the bell rings to begin class. Students with an EXCUSED ABSENCE are responsible for making up missed assignments as per Jeffco policy (two days per absence).

1. **Be Punctual.** Please be in your seat when the bell rings. Tardy students must check in at the attendance office before being admitted to class. A minimum of detention will be assigned on the third and every subsequent tardy.
2. **Be On Task.** Use class time to work on mathematics. Other materials (books, homework, and notes) may be confiscated. Please note: **Calculator games are not to be played in class.**
3. **Be Respectful.** Treat everyone with respect and consideration. Listen and actively participate during instruction. Help create an environment that enables all students to learn.
4. **Use Good Time Management.** When the math lesson is over, use the remaining time to work on your math assignment; it is not social time. If your math assignment is completely finished (all problems done, odds checked and corrected) you should have other work with you to do. **You must stay seated until the bell rings.**
5. **No cell phones.** Please keep them off and stored in your locker.

Grading

Grades are earned, not given. Here is how you will earn your grade in this class:

Tests (90%) will be given every other week and will be similar to the problem sets. Students will have advance notice of test dates. When students miss a test, they will be expected to make it up within a week.

Homework (10%) will be assigned and collected for a grade daily. Students will complete their homework on problem set sheets that will be provided by the teacher. Students should come to class with the previous day's assignment complete and the odd problems checked and corrected. A correct odd answer should be indicated by highlighting the problem number. Students should attempt to correct any odd problems they miss before class. Each homework assignment will be given a grade out of 10. Ten percent will be deducted for each problem not attempted. Ten percent will also be deducted for each problem graded incorrectly. Late work turned in **within one week** will be accepted for full credit for the first 4 sets, after that all late work will be turned in for a zero. Students with no missing assignments at the end of the semester will have their lowest test grade replaced with the final exam grade. I will not drop a test grade of zero that is a result of cheating. **Students need to show ALL steps NEATLY on all problems to receive credit. Answers alone are worth zero points, unless I indicate on the answer sheet that a problem is answer-only.** Calculators may be used only on problems that I mark on the answer sheet as calculator problems. Please circle final answers so they can be checked more quickly.

Grades are cumulative on a semester basis. Progress reports will be posted on Parent Portal three times per semester. Letter grades are given according to the D'Evelyn grading scale:

<u>Grade</u>	<u>Percentage</u>
A	90%-100%
B	80-89%
C	70-79%
D	60-69%
F	<60%

Make-up Work:

Excused Absences - Absent students are allowed two days per day absent to make up all work assigned the day of the absence for full credit. Students are encouraged to use a pre-arranged absence form whenever possible.

Unexcused Absences - Students with unexcused absences, per district policy, are allowed two days per day absent to make up all work assigned the day of the absence with the following grade adjustments:

- With the first two unexcused absences, work will be reduced one letter grade.
- After two unexcused absences, work will be reduced by two letter grades.
- Missing the day **before** a test is not a sufficient excuse for postponing the test, as none of that test's material will be taught the day before that test. In this case, the student should expect to take the test on test day.

Cheating and Plagiarism:

Cheating and plagiarism are very serious violations of the academic program at D'Evelyn Jr./Sr. High School. D'Evelyn holds high academic expectations for all students and academic integrity is an extremely important aspect of those expectations. Any student caught cheating (on a quiz, test, homework, or any classroom assignment), or found guilty of plagiarism (to pass off the ideas or works of another as one's own without crediting the source), or found giving work to others will receive a grade of "zero" on that assignment, test, or paper and will be noted as cheating on the parent portal. Consequences for cheating/plagiarism will range from a detention to suspension in addition to a zero on the assignment.

Students and Parents or Guardians:

Life is about learning. Education is about proving to the rest of society that you possess an employable skill set. There is nothing more powerful than education. All students can learn and become anything they want to become with practice, hard work, and dedication. Mathematics is a language. Language, like any acquired skill, requires copious practice! So do your homework.