



Advanced Algebra I Syllabus



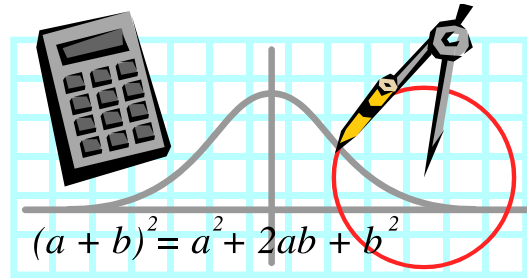
Ms. Nelson

Paceseters Team 2017-2018

Course Description: Algebra I is a high school course and will be taught accordingly. Students have to work diligently every day to be successful. Students will be expected to maintain at least a C average on unit assessments or it will be recommended that they repeat Algebra I. I cannot slow down the pace of the course, therefore if your child has a C average or below on **tests**, one-on-one assistance may be needed. Supervised extra help sessions will be provided by me once a week in a group setting on Thursdays from 4 – 5 pm.

The course will focus on the following topics:

- Solving Equations and Inequalities
- Linear Equations
- Linear Functions
- Systems of Linear Equations and Inequalities
- Piecewise Functions
- Exponents and Exponential Functions
- Polynomials & Factoring
- Quadratic Functions
- Solving Quadratic Equations
- Working with Functions
- Statistics (time permitting)



In addition to these topics, 8th grade content will also be covered, including:

- Irrational Numbers (Pythagorean Theorem)
- Transformations (Symmetry & Congruence)
- Geometry (Volume & Angle Relationships)



Notes & Homework on the Web

I will post my notes and team homework daily on my website. This resource can be used if a student forgets his/her notes at school or if absent. My teacher webpage address is:

<http://pacesettersteammath.weebly.com>



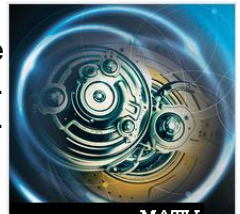
Supplies



- Three ring binder
- Notebook paper
- Pencils (Only pencils, no pen)
- Quarter inch graph paper
- Highlighters (4 colors)
- Colored pencils w/erasers
- Calculator: TI-34II or the TI-30 IIS (We will work in class with the TI-84plus graphing calculator. I emphasize that purchasing one for this year is **not** necessary.)
- \$3.00 math fee

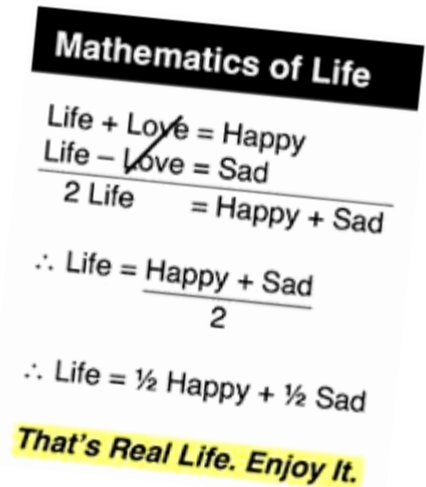
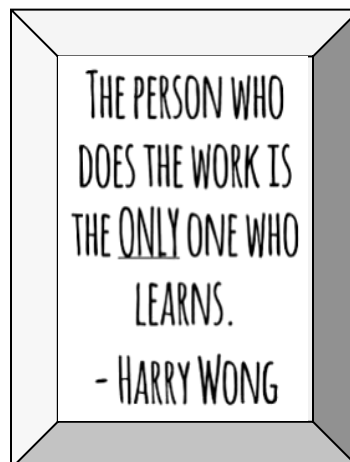
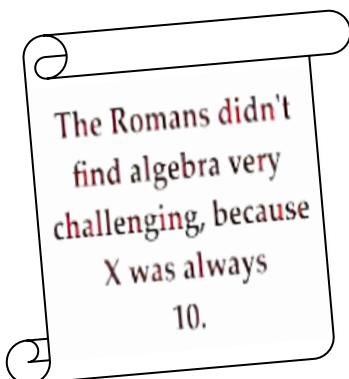
Textbook: *enVision* by Pearson will be the primary textbook for this course.

Supplementary materials will also be provided.



enVision Algebra 1
Common Core 2018

Welcome back to school!!!



Homework

I will be assigning homework daily. I will not tolerate excuses for homework not being completed. If your student says that it is completed, ask to see it. The work shown should reflect the examples demonstrated in class notes. If problems are more challenging for your child, they should still attempt to answer them to the best of their ability following the examples given in class. I believe homework is practice. It is okay to make mistakes as long as the student attempts the problems and learns from any mistakes. Therefore, I will be checking assignments for effort only, not accuracy. It will be up to the student to check their own work for accuracy when reviewed in class and ask questions if further explanation is needed. Beaumont's policy on homework will be followed, but it is in the best interest of the students' learning that homework be completed on time. If a student does not follow directions for an assignment, I will ask that the assignment be completed correctly for partial credit. Students should utilize their agendas to record their assignments. Again, I also record assignments on the classroom agenda board and on my webpage daily. Students should also have a classmate that they can call as a back-up. To be clear – "I was confused" is not an acceptable reason for not trying at all on homework!

Yoda quote:



Notebook

Every student should have a 3-ring binder to be used exclusively for math class. After each unit/chapter test, remove all warm-ups, notes and homework and transfer to a notebook that can be left at home. For some sections/units, a packet will be distributed. As materials are a crucial part of student responsibility and participation, if a student does not have his/her packet for class a silent lunch may be assigned.

Quizzes, Tests, and Extended Response Questions

Weekly quizzes will be given to assess student progress. I do NOT believe in surprises on tests or quizzes. So all quizzes and tests will be announced and problems will be very similar to those completed in class and homework. My goal is not to trick students; I want to see all of my students be successful. All assessments should be kept in their math notebook for the year. Because the assessments are very similar in content and format to assignments given in class prior to the quiz or test, **retakes will not be allowed**. Students need to prepare for assessments throughout the unit.

Grading Breakdown

35% Classwork/Homework
65% Assessments

M.A.P. Testing will occur three times:
Fall, Winter and Spring

Behavior and Communication

Students will be expected to respect others at all times. I will be following the school and team disciplinary codes. I will contact home if any problem persists. I believe that one of the keys to your child's success in school is communication between you and me. Please feel free to contact me concerning behavior or grades at school by leaving a message at 381-3094 or e-mail me: Vickie.nelson@fayette.kyschools.us

Classroom Expectations

- 1). Be on time! (This means you should be in your seat when the bell rings, working on the daily warm-up problem set.)
- 2). Be your best mannerly "you"! (be polite and respectful of others, their property, and the learning environment)
- 3). Be prepared! (Bring all materials to class daily – do your homework, and please bring a good attitude, too!)
- 4). Let's commit to having a stellar "Pacesetter" year together for your last trip around the sun in middle school!

Begin
8/15

FYI: Your end of year GPA is calculated using the first three quarters for the recognition ceremony since that occurs before final grades are due. If your goal is to earn or maintain a 4.0 GPA, it is very important that you try your best each and every day from the beginning, onward!



August	September	October	November	December	January	February	March	April	May
12 days	19 days	21 days	18 days	13 days	20 days	19 days	20 days	17 days	18 days

End 5/28



School Year = 12 + 13 + 17 + (2)18 + 2(19) + 2(20) + 21

∴ School Year = _____ Days

We can do this! Just take it ONE day at a time ☺

