



Advanced Algebra I Syllabus

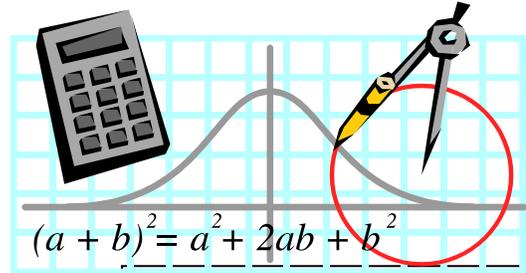
Ms. Ferguson

Class Act Team 2019-2020

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**, I suggest a tutor to assist them one-on-one. Tutorial sessions will be provided by me once a week in a group setting on Wednesdays at 8 am.

The course will focus on the following topics:

- Solving Equations and Inequalities
- Linear Equations
- Linear Functions
- Systems of Linear Equations and Inequalities
- Exponents and Exponential Functions
- Polynomials & Factoring
- Quadratic Functions
- Solving Quadratic Equations
- Working with Functions
- Statistics



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

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

Grading Breakdown

35% Homework & Classwork

65% Assessment



Notes & Homework on the Web

I will post my notes and team homework daily on our website. This can be used if a student forgets their notes at school or if a student is absent. The Class Act Team's site address:

<http://www.BMSClassAct.weebly.com>

Textbook: enVisions by Pearson will be the primary textbook and resource for this course.



Supplies



- 3-Ring binder with 3 dividers
- Notebook paper
- Pencils (Only pencils, no pen)
- Quarter inch graph paper
- 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 fee

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 finished, 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 and in the textbook. I believe homework is practice. It is okay to make mistakes as long as the student attempts the problems and learns from the 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 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 within a week for full credit. ("Redo" will be written on the assignment.) Students need to see the assignment calendar for any missed work due to absences. Students should utilize their agendas to record their assignments. The Class Act Team records assignments and assessment dates on our webpage. Students should have a classmate that they can call as a back-up.

Notebook

Every student should have a three-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. If a student does not have his/her packet for class, a silent lunch will be assigned.

Assessments: Quizzes and Tests

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 each unit.

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: Jill.Ferguson@fayette.kyschools.us

Also, I encourage you to utilize Infinite Campus to check your child's progress. I will update the grades at least once a week, usually over the weekend. If you don't have a password, e-mail Parent.Portal@fayette.kyschools.us with your name, the student's name and any additional information or error messages.

About the Instructor

Professionally

- BA in Elementary Education from the University of Kentucky in 1990.
- MA in Education from Georgetown College in 2000.
- This is my 27th year teaching mathematics and my 21st year at Beaumont on the Class Act Team.

Personally

I was born and raised here in the wonderful town of Lexington. I have twin daughters, Rebekah and Rachael (23), and a son, James(20). My favorite time is spent with them. In my spare time I love to hike, garden, and travel.

Syllabus for Advanced Algebra I with Ms. Ferguson

Parents, please sign below to show that you have read the course expectations and requirements. Please have your child return this portion with the \$3.00 fee.

Student Name: _____ Class Period: _____

Parent Email(s): _____

(Please print carefully or preferably, e-mail me your address and include your child's name to ensure accuracy.)

Parent Signature: _____

