

Ms. Ferguson

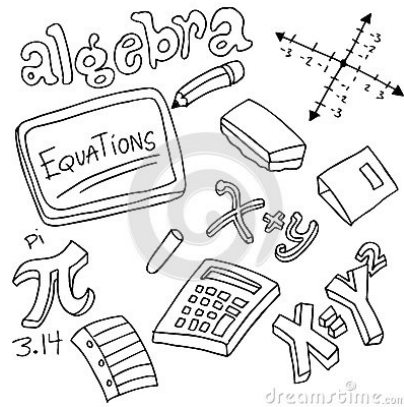
Mathematics-8 Syllabus (An Introduction to Algebra)

Class Act Team 2019-2020

Course Description:

As of the 2011-2012 school year, Kentucky public schools have adopted and are prescribing the new "Common Core" to guide mathematics curriculum. The materials and curriculum used in this course are aligned with the new Kentucky Standards, NCTM standards and Fayette County Standards. All lesson units will be based upon the new common core 8th grade concepts that are fundamental to Algebra I, and include:

- Real Numbers
- Analyze and Solve Linear Equations
- Use Functions to Model Relationships
- Investigate Bivariate Data
- Analyze and Solve Systems of Linear Equations
- Congruence and Similarity
- Understand and Apply the Pythagorean Theorem
- Solve Problems Involving Surface Area and Volume



Textbook:

FCPS has adopted and will be using enVisionmath2.0 by Scott Foresman · Addison Wesley



Notes & Homework on the Web

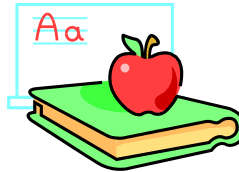
I will post my notes and team homework daily on our website. This can be used if a student forgets their notes at school or if a student is absent. The Class Act Team's site address:

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

Supplies



- Notebook paper
- Pencils (Only pencils, no pen)
- 3 Ring Binder with 3 dividers
- Colored pencils w/erasers
- Calculator: TI-34II or the TI-30 IIS (We will work in class with the TI-84+ graphing calculator. I emphasize that purchasing one is **not** necessary.)
- \$3.00 supply fee



Grading Breakdown

40% Homework & Classwork

60% Assessment

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 done, 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 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 for full credit. ("Redo" will be written on the assignment.) Students need to see the assignment calendar for any missed work due to absences. The Class Act Team also records assignments on our webpage daily. Students should also have a classmate that they can call as a back-up.

Notebook

Every student should have a 3-ring binder to be used exclusively for math class. All classwork and homework needs to be kept in the binder. If a student does not have his/her materials 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 folder 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 week-end. 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 Math 8: Introduction to Algebra with Ms. Ferguson

Parents, please sign below to show that you have read the course expectations and requirements. 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: _____

