

Mrs. McCarty's College Math A Course Syllabus

Course Description/Overview

The purpose of this course is to help students be college ready in mathematics. We will utilize the Kentucky Online Test (KYOTE) to measure college readiness.

Course Content

- Foundations of Algebra
- Exponents
- Polynomials
- Rational Expressions
- Linear Equations and Inequalities
- Lines
- Quadratic Equations and Functions
- Systems of Linear Equations
- Basic Geometry

Materials:

You will need to bring the following materials with you to class each day:

- Good Attitude
- Pencils
- Paper
- Binder or folder
- Graphing calculator (TI-84 or TI-83)
 - Calculators are essential for success in math classes
 - Students are responsible for getting their own calculator and bringing it to class each day
 - Calculators on cell phones are not permitted
 - Students are not allowed to share calculators during class
 - Students are responsible for supplying their own batteries

Course Policies

Absences and Makeup Work: Because of the sequential nature of mathematics, for a student to be successful and to learn he/she must be in class daily. Assignments and notes can be emailed to a student during an absence if the student contacts me. When you return from an absence, you are responsible for the following:

- Turning in any homework that was due the day(s) of your absence
- Picking up any missed handouts and homework assignment(s) from the makeup folder and updating your notebook with notes
- Turning in your makeup work

According to school policy, you have three days to turn in assignments missed due to an excused absence; if the absence is unexcused, you may not make up the missed work. If you have missed more than one day, you should turn in at least one makeup assignment as well as the current assignment each day until you are caught up. If you are absent the day before a test, you will take the test on the scheduled date with the rest of the class. If you are absent on a test day, you must make up the test within five school days. All work must be turned in before the final exam is taken.

Class Participation: You will be called upon at random; discussion is encouraged when concepts are not understood. At times, we will all be math teachers. Therefore, be willing to share your ideas with others and to support your reasoning to help each other understand new ways to solve problems. In other words, participate fully in all class activities.

Work Requirements:

- Write your name on all assignments. Any assignment turned in without a name will be thrown away.
- Write the name of the assignment on the paper. (Ex. Pg. 95 #1-15)
- Show all calculations and work even if you do it in your head or on a calculator. All work must be shown in order to receive full credit.
- Late assignments will not be accepted.
- No homework or make-up work will be accepted after the test day.
- Copied assignments will receive a zero. The original person's assignment will be a zero as well.

Study Island: Students should expect at least one assignment on Study Island a week. Students may trade in blue ribbons for rewards. A blue ribbon is awarded when a student answers 70% of the questions correctly. A minimum of ten questions must be completed.

1 blue ribbon = a piece of candy

3 blue ribbons = an assignment pass

5 blue ribbons = 20 bonus points

Grading Policy/Assessment

Grade Distribution: Two primary kinds of grades are earned in this class.

- *Daily Assignments* (40%) – These grades you achieve in process of learning class material (including class discussions, class work, homework, notebook checks, exit slips, and vocabulary assignments).
- *Tests/Quizzes* (60%) – These are grades you achieve that show knowledge and mastery of material. Quizzes will be given periodically. Tests will be given at the end of each unit. Unit tests make up a large portion of the trimester grade.

20% of the final trimester grade will be determined by the final exam.

Extra Credit: Extra credit can be obtained by working problems on the board or creating a digital video in which the student teaches the viewer about a concept covered in class. For example, the video could teach the viewer how to graph a linear inequality. The topic must be teacher approved. The video must be accurate and appropriate. Students must be able to prove that they made the video. No credit will be awarded for plagiarism. Videos may be emailed or iMessaged to me at (holly.mccarty@anderson.kyschools.us) or posted on YouTube. Videos must be emailed to me before the day of the final exam. Students may earn up to 10 extra credit points for each video. Two students may split the extra credit if they make a video together.

Course Procedures

Course Format: Students are expected to be in their seats working on the bell ringer when the tardy bell sounds. The bell ringer may cover automaticity, review, or ACT questions. Each class lesson will consist of notes, practicing new skills, participating in class activities, and correcting homework. Students may use two hall passes per week. Students are not allowed to congregate at the door during the last 5 minutes of class. Students must remain seated until the dismissal bell sounds. In addition, students are expected to listen to the morning and afternoon announcements. If a student is disruptive during the announcements, a discipline referral will be issued.

Extra Help: Get extra help when you need it. I am usually available after school on Monday through Thursday from 3:10 pm to 3:30 pm. I am available before school from 7:30 am to 7:45 am. Students can attend tutoring during the school day during Bearcat 25. ESS is offered after school. ESS times and Bearcat 25 times and locations will be posted in the classroom. Study Island is also an excellent resource for extra help.

Apps that will be used in class:

- MyHomework
- Socrative
- Remind
- Infinite Campus
 - Username: Student id number
 - Password: first initial last initial (lowercase) birthday (MMDDYY) ex). js032598
 - District Code for the app: WNSMPW
- QR Code Scanner

Classroom Rules:

1. Be in your assigned seat (with materials) *ready to work* when the tardy bell rings.
2. Listen when the teacher is speaking.
If you have a comment or question, raise your hand until called upon.
3. Class participation is required.
4. Respect all property. (School property, personal property, and other's property)
DO NOT sit at my desk or assume that what's mine is yours.
5. Be respectful in word and action.
Do not talk out of turn or use curse words. Stay awake, keep your head off your desk, and be quiet during announcements.
6. Respect all ideas given in class.
Do not criticize anyone's ideas or thoughts.
7. ALL school rules apply in class.
This includes the dress code, the restriction on electronic devices, the tardy policy, etc.

Classroom Expectations:

- Come to class ready to learn.
- Be responsible for your work. Bring supplies and homework every day.
- EVERY student is expected to contribute to the class.
- Work quietly. If you finish all of your assigned work early, you may: a) work on Study Island b) read independently c) work on extra credit d) work on an assignment for another class. **DO NOT TALK OR DISTURB OTHERS.**
- Seek additional help if a topic seems difficult or requires more explanation.
- Hall passes are a privilege. Abuse it and you lose it.
- Food and drink are allowed as long as you don't leave a mess, and large drinks (like McDonald's Sweet Tea) are not allowed.

Guidelines for Success

Integrity/honesty

Positivity/motivation

Responsibility/accountability

Empathy/compassion/kindness

Perseverance/grit

Independence (:the self")

Personal Statement

- Solving problems involves asking questions and taking risks.
- Good students seek help sooner than later.
- Try all problems on an assignment. Do not stop at the first one you do not understand. "If you don't know how to solve a problem, do what you know how to do." In other words, "TRY SOMETHING."
- Bring a positive attitude.
- Be proactive about studying. Use outside resources such as textbooks, other math teacher, peers, older siblings, and websites. Any and all of these strategies can help you understand the concepts we will be studying more thoroughly.

*Each policy may be modified if the need arises during the course of the trimester/year.

Contact Information:

School telephone/voice mail: (502)839-5118

Best time to reach me directly: 4th period 12:46– 1:55

School e-mail address: Holly.McCarty@anderson.kyschools.us

Website: <http://www.anderson.kyschools.us/HollyMcCarty.aspx>

Mrs. McCarty's College Math A Syllabus Signature Sheet 2017-18

Signature(s): Discuss this course and behavior syllabus with your parent(s) or guardian(s). Please sign and return the last page to me by **(Friday, August 11th)**. I am looking forward to working with you this year.

I, _____ (Student), have read, understand, and accept the College Math A syllabus and course expectations.

Students: Please answer the following questions.

- What was the last math class that you enjoyed? Why?

 - What college do you hope to attend (You can list more than one.)

 - What job/career are you interested in?
-

I, _____ (Parent/Guardian), have read, understand, and accept the College Math A syllabus and course expectations.

Parents: Please answer the following questions.

Do you access to parent portal? ☐ Yes ☐ No

What is your email address? _____

What is your phone number? _____