

2023-2024 Algebra 1 Syllabus

TEACHER: Ethan Baker

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ROOM: 2054

COURSE OBJECTIVES

- A. Understand and apply algebraic terminology.
- B. Demonstrate the ability to problem solve using various algebraic skills.
- C. Apply algebra to real world problems.
- D. Develop critical and analytical thinking skills.

COURSE OUTLINE

Quarter 1

- Modules 1 & 2: Expressions/ Equations in One Variable
 - Interpret expressions; solve and graph equations.
- Module 3: Relations & Functions
 - Identify, evaluate, describe the characteristics of, and graph functions.
- Module 4: Linear/Nonlinear Functions
 - Explore, graph, and write linear and nonlinear functions.

Quarter 2

- Module 5 & 6: Creating Linear Equations & Inequalities
 - Identify, evaluate & graph linear functions and inequalities.
- Module 7: Systems of Linear Equations & Inequalities
 - Solve systems of linear equations & inequalities.
- Modules 8 & 9: Exponents & Exponential Functions
 - Use the properties of exponents to simplify and evaluate exponential expressions.
 - Graph exponential functions.
 - Recognize and evaluate exponential growth & decay as it relates to real-world situations.

Quarter 3

- Module 10: Polynomials
 - Add, Subtract, Multiply & Factor polynomials.
- Module 11: Quadratic Functions
 - Identify, evaluate, & describe characteristics of quadratic functions.
 - Graph and solve quadratic functions and equations.

Quarter 4

- Module 12: Statistics
 - Use data and analyze statistical models.
 - Use regression lines to make predictions.
- Prepare for End of Course testing.

For state standards please visit:

https://www.tn.gov/content/dam/tn/education/standards/math/Standards_Support_Algebra_I_Mathematics.pdf

SUPPLY LIST

- Pencil, Eraser, Paper, Textbook (Provided by the school), Computer (Provided by the school)

- TI84 Graphing calculator- suggested, not required. Calculators may be rented from the library for \$20/year. Each class has a set, so they are available to students at school. There is a free app for phones for home use.

COMMUNICATION

Most class announcements that are pertinent to students alone (such as test dates, due dates, etc.) will be communicated through each class's TEAMS chat. Any class announcements that I believe parents will want to know (such as exam dates and school events) will be communicated through remind.

Students are able to contact me in person during class and during my planning period (4th period). If a parent/guardian wishes to contact me throughout the day, the best method of communication is email. I will answer and respond to emails as soon as I can from 7AM-6PM Monday-Saturday. I will not respond to emails outside of the provided time frame. If you would like to meet face-to-face, I will gladly do so, but please email or call me beforehand to set up a date and time.

I do also use Google Voice for communication from time to time. I only use Google Voice when I feel it is necessary to communicate something immediately, but I am unable to call for whatever reason. My Google Voice number is also at the top of the syllabus with my other contact information. If you'd like to contact me through Google Voice, the hours of availability are the same as my hours of availability for email – 7AM-6PM Monday-Saturday.

ABSENCES:

Students have 3 days to turn in a parent note. 3 parent notes are allowed each quarter. Doctor notes are unlimited. Students have 1 day to turn in a tardy note. (See page 27 in Student Handbook for tardy policy.) Students will have access to all assignments and assessments inside and outside of the classroom.

CLASS RULES

BE READY:

- Come to class on time and ready to learn
- Read the board as you come in
- Gather all needed materials **before** class begins

BE RESPECTFUL:

- Do not disrupt the class
- Be kind to yourself and others

BE RESPONSIBLE:

- Keep up with your class materials
- Come to class with all necessary materials (like your laptop, textbook, a pencil, and some paper)
- Keep up to date with due dates
- Ask for help if you need it

CELL PHONE POLICY

Cell phone use in this class is **strictly prohibited** unless you are given explicit approval to use your phone. If you need to call someone during class, you must ask permission before doing so.

QUIZ MAKE-UP AND TEST RETAKE POLICY

Students may complete corrections on quizzes to make up to 50% of missed points back. Quiz corrections must be done on a separate piece of paper and follow this format:

- Question
- Old answer
- Show work/Explain new answer
- New answer

Quiz corrections are to be completed on your own time and must be turned in within **one school week (5 school days)** of receiving your scores. After the week is up, I will not take any corrections.

Students may retake tests to make up to 50% of the missed points back. If a student wishes to retake a test, they must request a retake within **two weeks (10 school days)** of receiving their score.

If you know ahead of time that you will be absent on a quiz or test day, you may request to take it in advance. This does not apply for the midterm exam, EOC, or final exam.

LATE WORK POLICY

Students may turn in homework and classwork after the due date; however, work turned in late this way will lose 5 points per day, maxing out after 8 days where the maximum grade on that assignment will be a 60. Late work must be turned in within the same quarter it was assigned for it to be accepted.

BATHROOM POLICY

According to school policy, no student is allowed to leave the classroom during the first 10 or the last 10 minutes of class. Other than that, students are allowed to go to the restroom during class. Students must ask to use the restroom before leaving, and they must sign out on a sign out sheet and take a hall pass. **Students are not allowed to go the vending machine during class. If you ask I will say no.** Only one student is allowed out of the room at a time.

EXAMS AND EXAM EXEMPTION POLICY

We will take two exams throughout the year. The first exam is the midterm exam given before winter break. **There are no exemptions for the midterm exam.** The second exam we will take is the state EOC test for Algebra 1. Algebra 1 is a tested subject, and as a result **all students must take the EOC for this class,** no exceptions. Because of the EOC, our “final exam” is only worth a test grade, and this is what you may be exempt from. Below is the exam exemption policy for MCPS:

Exam exemptions for high school students will be allowed for the Spring Semester if students meet the following criteria:

- No In-school or Out-of-school suspensions
- Satisfactory attendance requirements are as follows:
 - A. A average—no more than 4 absences (excused/unexcused)
 - B. B average—no more than 3 absences (excused/unexcused)
 - C. C average—no more than 2 absences (excused/unexcused)
 - D. D average—no more than 1 absence (excused/unexcused)

Tardies: Students who are tardy to school/class seven or more times will not be exempt from exams.

GRADING SYSTEM

Grades will be determined at the end of each semester using the following grading scales (subject to change by MCPS Board of Education):

Letter Grade	Percentage
A 4.0	90-100
B 3.0	80-89
C 2.0	70-79
D 1.0	60-69
F 0.0	0-59

Category	Percentage
Exam/Midterm	15%
Tests	40%
Quizzes	30%
Assignments	15%

PARENT PORTAL/GRADES

Students and parents are encouraged to **track student grades and messages from teachers using the online parent portal.** You can gain access to parent portal (which allows you to see your student’s grades for EVERY class) by calling the attendance office: 931-381- 2222 ext. 1102 or 1125.

TUTORING

CHS offers free tutoring every Tuesday and Thursday from 3-4. If you would like the student to attend tutoring, then please contact Mr. Baker so he can sign the student up.

I have read the course syllabus for Mr. Baker's Algebra 1 class.

Student Name _____

Parent/Guardian Signature _____

Parent/Guardian Phone Number _____

Parent/Guardian Email Address _____