

2026/2027 Honors Algebra 1 Syllabus
Sheridan High School
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Google Classroom Code: ni2cs773

About Me (Mrs. Huffman): I began teaching in 2007. I have taught high school math for 14 years, as well as spending five years in the district office. I grew up in Baltimore, Ohio and graduated from Ohio University in 2006 with my B.Ed. and again in 2007 with my M.Ed (Cultural Studies). Outside of the classroom, I enjoy eating ice cream, running, and spending time with my family (Adam, Ellie (15), Matthew (13), Sarah (8), Macen (4), and Mary (2)).

Class Expectations: Algebra 1 is a foundation for high school math. I expect that each student will come prepared to learn new things each day and have respect for those around them.
Prepared means: attending class with necessary materials, taking notes during class along with my notes, entering the room with an open-mind, and the willingness to ask questions. Students will be guided to problem solve and think on their own during this class. Vocabulary will be an essential part of each day's lesson. Each student will be expected to keep a notebook for class notes as well as other class material. Students will be given five hall passes each quarter. He/She is responsible for keeping track of these and they will be used anytime a student needs to leave the room for any reason. Class time is valuable and it is my hope that students are not out any more than necessary. **If / When a student is absent, it is the student's responsibility to make up the work. He/She should get notes from another student and should be prepared to continue with the rest of the class upon return to school.**

Materials Needed:

- **1 box of tissues (this seems silly - but is necessary as the students will use them A LOT and will not appreciate the paper thin tissues that are provided :)**
- **3 subject spiral notebook for class notes and work**
- **1 binder to keep classroom materials that aren't able to be kept in your spiral notebook**
- **Pencils (students will use a pencil in class daily and are expected to provide his/her own each day) - please do not ask me each day for a pencil, bring your own.**
- **Class textbook (provided in class - students will have access to an online version for at-home use)**
- **Box of dry-erase markers (we use dry erase boards often in class to practice what we are learning and for other activities - please be sure to always have a dry-erase marker in class).**

- **Optional calculator: TI-84 Plus (if you want your own handheld...otherwise we will use the DESMOS Online Calculator which is the calculator the students will use on the state end of course exam).**

Course Overview: Algebra 1 is a year-long course intended to prepare you for your next level of mathematics, both Geometry and Algebra 2. Each student will take the Ohio Algebra 1 End of Course Exam in the spring as part of his/her graduation requirement for the state of Ohio. Attached to this document is the pacing guide which gives the specific topics that will be covered and the order in which they will be covered. The class pacing will be managed so that we will cover the material for the state test prior to the testing date.

Grading Policy: Students will be graded based on what they know in Algebra 1. Student's grades will come from two main categories: A large portion of the point each quarter will come from the summative category. It is my goal that the student's grade will reflect the knowledge they have gained and are able to show when assessed. Please do not ask for extra credit as this would not be a reflection of what the students know. Students are expected to prepare before assessments and not ask how grades can be adjusted after the assessment. The transition to this type of grading can be an adjustment, please prepare by doing the nightly homework and checking your answers, so that you are aware of any misunderstanding well in advance of the assessment. Corrections and/or retakes will not be standard. Please do not rely on them when you prepare for an assessment.

1. Formative assessments (spiral review, bell ringers, classwork, & exit tickets,)
2. Summative assessments (homework quizzes, quizzes, tests, & vocabulary checks)

Cell Phone Policy: Cell phone use will NOT be permitted during class. If a student uses a cell phone during class, I will collect the phone until after lunch or the end of the day. If a smartwatch is being used to communicate, the same rules apply.

Communication: Please keep an open line of communication with me. It is important that you have conversations with your child about his/her classes. They are in high school and therefore you would expect them to tell you when they need something but this is not always the case, sometimes it is too late, so ask them about school, just like in elementary school. I promise they will appreciate it. My email is: khuffman@nlsd.k12.oh.us and I will check this daily and respond as soon as possible. I will also be available during lunch for students who would like extra assistance. You may also reach me by phone at 740.743.1335.

Academic Integrity: You are expected to complete your assignments on your own. There will be a zero tolerance policy for any cheating. This includes forms of artificial intelligence. I understand you will use AI for help but if you question whether what you are doing is acceptable, the answer is mostly like, NO.

Please sign below stating that you have read and understand the syllabus. I will check it off and then the students will keep it with them in his/her notebook for reference.

Parent/Guardian Signature: _____ Date: _____

Student Signature:_____ Date:_____

Algebra 1 Topic Outline

Topic	Projected Test Date (use this to help with your planning - we will fill in as we move through the year)
1. Solving Equations and Inequalities	
2. Linear Equations	
3. Linear Functions	
4. Systems of Linear Equations and Inequalities	
5. Piecewise Functions	
6. Exponents and Exponential Functions	
7. Polynomials and Factoring	
8. Quadratic Functions	
9. Solving Quadratic Equations	
10. Working with Functions	
11. Statistics	
12. Geometry Prep and Algebra 1 Review	

Khan Academy: As you might already know, the district has partnered with Intel to provide our students with the opportunity to utilize Khan Academy at a more advanced level than the version you may already know. We will use this daily in the classroom as a way to supplement the practice they are getting through classroom instruction. Another tool within Khan is the Khanamigo tool. This is an educational AI tool. It is similar to ChatGPT and other AI tools but it is educationally based. We will model how this can be used in class. Please ask your children about this tool. Part of the students' grade will come from their advancement in Khan.