

Mrs. A. Smith

2026-2027 Algebra 2

In order to guarantee your child, and all the students in my classroom, the excellent learning climate they deserve. I am utilizing the following Classroom Expectations starting today.

I believe all my students can behave appropriately in my classroom. I will tolerate no student stopping me from teaching and /or any student from learning.

CLASSROOM EXPECTATIONS

- Be in your seat working on the Warm-Up when the tardy bell rings.
- Use appropriate language and voice level in classroom.
- Respect one another's property.
- Follow directions
- Follow all school rules as stated in the BHS Student Handbook.

Classwork/Homework, Tests and Quizzes:

- Paper copy work turned in must be stamped by date/time stamp.
- Paper copy work not stamped with time/date stamp will be considered late.
- ALL work, paper and computer, **MUST** be turned in during each students specific class time with me.

*****All CELL PHONES** (and other electronic devices) must be hidden inside your backpack or purse at **ALL** times. They should be turned **OFF** (including alarms). **No exceptions! (This includes smart watches, Meta glasses, and ear-buds.)** Refer to the District Cell Phone Policy.

*****Backpacks** are to be placed in the teacher-designated area the entire class period.

Supplies Needed:

—Pencils—.5”Binder—2 packages of dividers—1 Subject Spiral—1 package of 3 x 5 index cards—School Issued Laptop (charged)

Other Information:

You will be responsible for keeping all of your papers/handout/packets organized in your binder.

Divider titles in this order: Tests/Quizzes; Units 1-10(Each unit with its own tab)

You will receive progress reports several times thru out the school year. These will need to be signed by your parent/guardian and returned to me.

You are expected to have all supplies daily.

Binder checks will happen at random and are a Test grade and will not be dropped.



STUDENT/PARENT AGREEMENT

I understand the rules/expectations stated on the front and back of this page. I also understand that if I choose not to follow the expectations/rules, I will face the consequences of those choices.

Printed Student Name:

Student Signature:

Parent Signature:

Date: _____

GRADING

Daily work/Homework = 40%

Quizzes = 20%

Tests/Major Projects/Six Weeks Tests= 40%

No extra credit work will be given.

ABSENT WORK

- 1) Students are responsible for all make up work.
- 2) Absent work will be located in absent folder for the students class period with their name on the assignment. It is the students responsibility to check class folder for absent work upon returning to school. Tests/quizzes will be given on the day he/she returns to school.
- 3) District Policy will be followed in reference to absent work.

Tardies:When a student is tardy, they will sign in on the tardy clipboard with their full name, time they arrived and reason for tardy.

Cheating:Any student caught cheating will receive a zero for that particular assignment, test or quiz. All apps that solve the problem for you and googled answer sheets are considered cheating. Copying another persons work is considered cheating. A phone call will be made to parents/guardians.

IXL, Khan Academy, and Google Classroom:All students are required to join IXL, Khan Academy, and Google classroom section.

Pencils Only:All work is to be done in pencil unless otherwise instructed by the teacher. Ten points will be taken off if pen is used on an assignment/test/quiz. No name papers will not be accepted. First and Last name are to be used on all paper assignments/tests.

Late Work

1. 1 day late = minus 30
2. 2 days late = minus 50
3. 3 days late = will not be accepted. A zero will be entered into the gradebook.

Food/Drinks:Food and drinks are not allowed in classroom. Students will be asked to throw it away if brought to classroom.

Assignments:

Every Unit will end with a unit assessment. These maybe pencil paper and/or on computer. Minimum of 3 per grading period.

Every unit will have quizzes during the unit to assess students progress during unit. Minimum of 3 per grading period.

Classwork/Homework will be pencil paper and/or on IXL/Khan academy through out the unit. Minimum of 15 per grading period.

Course Description:

Algebra 2 is an advanced high school mathematics course that builds on the foundational concepts of Algebra 1. It explores advanced function families, complex numbers, polynomials, logarithmic models, and data analysis to prepare students for pre-calculus, college algebra, and standardized testing.

First Semester	Second Semester
1st Nine Weeks <u>TEKS RS Unit 01: Introduction to Functions in Algebra II</u> (15 Days) or (750 Minutes) Standards: <u>2A.1A</u> , <u>2A.1B</u> , <u>2A.1C</u> , <u>2A.1D</u> , <u>2A.1E</u> , <u>2A.1F</u> , <u>2A.1G</u> , <u>2A.2A</u> , <u>2A.2B</u> , <u>2A.2C</u> , <u>2A.2D</u> , <u>2A.7I</u> <u>TEKS RS Unit 02: Absolute Value Functions, Equations, and Inequalities</u> (10 Days) or (500 Minutes) Standards: <u>2A.1A</u> , <u>2A.1B</u> , <u>2A.1C</u> , <u>2A.1D</u> , <u>2A.1E</u> , <u>2A.1F</u> , <u>2A.1G</u> , <u>2A.2A</u> , <u>2A.6C</u> , <u>2A.6D</u> , <u>2A.6E</u> , <u>2A.6F</u> <u>TEKS RS Unit 03: Systems of Linear Equations and Inequalities</u> (12 Days) or (600 Minutes) Standards: <u>2A.1A</u> , <u>2A.1B</u> , <u>2A.1C</u> , <u>2A.1D</u> , <u>2A.1E</u> , <u>2A.1F</u> , <u>2A.1G</u> , <u>2A.3A</u> , <u>2A.3B</u> , <u>2A.3E</u> , <u>2A.3F</u> , <u>2A.3G</u>	3rd Nine Weeks <u>TEKS RS Unit 07: Cubic and Cube Root Functions and Equations</u> (10 Days) or (500 Minutes) Standards: <u>2A.1A</u> , <u>2A.1B</u> , <u>2A.1C</u> , <u>2A.1D</u> , <u>2A.1E</u> , <u>2A.1F</u> , <u>2A.1G</u> , <u>2A.2A</u> , <u>2A.2B</u> , <u>2A.2C</u> , <u>2A.2D</u> , <u>2A.6A</u> , <u>2A.6B</u> , <u>2A.7H</u> <u>TEKS RS Unit 08: Rational Functions and Equations</u> (15 Days) or (750 Minutes) Standards: <u>2A.1A</u> , <u>2A.1B</u> , <u>2A.1C</u> , <u>2A.1D</u> , <u>2A.1E</u> , <u>2A.1F</u> , <u>2A.1G</u> , <u>2A.2A</u> , <u>2A.6G</u> , <u>2A.6H</u> , <u>2A.6I</u> , <u>2A.6J</u> , <u>2A.6K</u> , <u>2A.6L</u> , <u>2A.7F</u> <u>TEKS RS Unit 09: Exponential Functions and Equations</u> (10 Days) or (500 Minutes) Standards: <u>2A.1A</u> , <u>2A.1B</u> , <u>2A.1C</u> , <u>2A.1D</u> , <u>2A.1E</u> , <u>2A.1F</u> , <u>2A.1G</u> , <u>2A.2A</u> , <u>2A.5A</u> , <u>2A.5B</u> , <u>2A.5D</u> , <u>2A.7H</u>
2nd Nine Weeks <u>TEKS RS Unit 04: Expressions, Factoring, and Equations with Rational Exponents</u> (13 Days) or (650 Minutes) Standards: <u>2A.1A</u> , <u>2A.1B</u> , <u>2A.1C</u> , <u>2A.1D</u> , <u>2A.1E</u> , <u>2A.1F</u> , <u>2A.1G</u> , <u>2A.7B</u> , <u>2A.7C</u> , <u>2A.7D</u> , <u>2A.7E</u> , <u>2A.7G</u> , <u>2A.7H</u> <u>TEKS RS Unit 05: Quadratic Relations, Equations, and Inequalities</u> (14 Days) or (700 Minutes) Standards: <u>2A.1A</u> , <u>2A.1B</u> , <u>2A.1C</u> , <u>2A.1D</u> , <u>2A.1E</u> , <u>2A.1F</u> , <u>2A.1G</u> , <u>2A.3A</u> , <u>2A.3C</u> , <u>2A.3D</u> , <u>2A.4A</u> , <u>2A.4B</u> , <u>2A.4D</u> , <u>2A.4E</u> , <u>2A.4F</u> , <u>2A.4H</u> , <u>2A.7A</u> <u>TEKS RS Unit 06: Square Root Functions and Equations</u> (8 Days) or (400 Minutes) Standards: <u>2A.1A</u> , <u>2A.1B</u> , <u>2A.1C</u> , <u>2A.1D</u> , <u>2A.1E</u> , <u>2A.1F</u> , <u>2A.1G</u> , <u>2A.2A</u> , <u>2A.2B</u> , <u>2A.2C</u> , <u>2A.2D</u> , <u>2A.4C</u> , <u>2A.4E</u> , <u>2A.4F</u> , <u>2A.4G</u> , <u>2A.7H</u>	4th Nine Weeks <u>TEKS RS Unit 10: Exponential and Logarithmic Functions and Equations</u> (10 Days) or (500 Minutes) Standards: <u>2A.1A</u> , <u>2A.1B</u> , <u>2A.1C</u> , <u>2A.1D</u> , <u>2A.1E</u> , <u>2A.1F</u> , <u>2A.1G</u> , <u>2A.2A</u> , <u>2A.2B</u> , <u>2A.2C</u> , <u>2A.2D</u> , <u>2A.5A</u> , <u>2A.5B</u> , <u>2A.5C</u> , <u>2A.5D</u> , <u>2A.5E</u> <u>TEKS RS Unit 11: Linear, Quadratic, and Exponential Data Models</u> (5 Days) or (250 Minutes) Standards: <u>2A.1A</u> , <u>2A.1B</u> , <u>2A.1C</u> , <u>2A.1D</u> , <u>2A.1E</u> , <u>2A.1F</u> , <u>2A.1G</u> , <u>2A.8A</u> , <u>2A.8B</u> , <u>2A.8C</u> <u>TEKS RS Unit 12: Making Connections</u> (10 Days) or (500 Minutes) Standards: <u>2A.1A</u> , <u>2A.1B</u> , <u>2A.1C</u> , <u>2A.1D</u> , <u>2A.1E</u> , <u>2A.1F</u> , <u>2A.1G</u> , <u>2A.2A</u> , <u>2A.2C</u> , <u>2A.3B</u> , <u>2A.3C</u> , <u>2A.3F</u> , <u>2A.4B</u> , <u>2A.4C</u> , <u>2A.4F</u> , <u>2A.5A</u> , <u>2A.5D</u> , <u>2A.6B</u> , <u>2A.6E</u> , <u>2A.6F</u> , <u>2A.6G</u> , <u>2A.6I</u> , <u>2A.6K</u> , <u>2A.6L</u> , <u>2A.7D</u> , <u>2A.7E</u> , <u>2A.8C</u> <u>TEKS RS Unit 13: Exploring a Business Venture</u> (10 Days) or (500 Minutes) Standards: <u>2A.1A</u> , <u>2A.1B</u> , <u>2A.1C</u> , <u>2A.1D</u> , <u>2A.1E</u> , <u>2A.1F</u> , <u>2A.1G</u> , <u>2A.3A</u> , <u>2A.3B</u> , <u>2A.3C</u> , <u>2A.3E</u> , <u>2A.3G</u> , <u>2A.4E</u> , <u>2A.4F</u> , <u>2A.5B</u> , <u>2A.5D</u> , <u>2A.6L</u> , <u>2A.8C</u>

Algebra 2 students will be given their class code for Khan Academy and IXL when school laptops have been issued. They will receive classwork and homework on Khan Academy and IXL that will enhance the content we cover in class. These assignments and quizzes are grades in the gradebook. Failure to complete these assignments will result in zeros in the gradebook. The students in Algebra 2 are required to join these online platforms.

Tutoring: Tues. —3:45 to 4:15