



Algebra I

Course Syllabus

Welcome to Algebra I. We will be exploring how algebra is used in the world throughout history as we develop math problem solving skills. Welcome!

Class Sections Hans Griesser - Math website: https://bhs.bisd303.org/29573_3 Link to Google Classroom (Code to join) Periods 3 & 6: Algebra I - 3hdcsy36 Week-at-Glance - <link> eText: enVision Algebra Common Core 2018	Hans Patrick Griesser hgriesser@bisd303.org Phone: +1 (206) 780-1275 Office (Help) Time: Please send email to confirm availability. Typical times include: Tuesday to Thursday, 3:15pm - 3:45pm Wednesday to Thursday, 8:05am - 8:40am
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Course Information

Description

Within the structure of the real number system, the study of Algebra concentrates on simple, linear, exponential, and quadratic equations and problem-solving utilizing basic contemporary mathematical language and symbolism. (That's a long way to say we are going to look at how numbers can relate to each other and use it to our advantage.)

Format

This course is designed for students to be able to access all content and most activities at school or home. Classroom time is important to explore ideas and develop deeper understanding by interacting with others so come be fully present and engage in the learning activities. Class is held four times a week according to the BHS schedule posted on the [BHS website](#) and [student portal](#)).

Course Site

Assignments will be posted and submitted via Google Classroom. Students must enroll in our Google Classroom. If parents/guardians would like to receive Guardian Summaries, they can contact any one of their child's teachers to sign up. Signing up for one will give you updates for all of your student's classes.

Learning Objectives

- Students will use different strategies to solve equations and inequalities.
- Students will use different forms of linear equations to model situations and solve problems.
- Students will use systems of equations to model situations and solve problems.
- Students will use exponential functions to model situations and solve problems.
- Students will use polynomials to rewrite expressions and solve problems.
- Students will use quadratic equations to model situations and solve problems.

Learning Resources

Books are available in our classroom and online (eText: [enVision Algebra Common Core 2018, Pearson](#)). All worksheets, activities and assignments will also be available in our building classroom and on Google Classroom.

Supplies

- Inexpensive calculator that can do exponents, e.g., 5^3 . Your phone is **NOT** acceptable. You may borrow a calculator from the library.
- Notebook/Journal for recording notes and calculations, with these sections:
 - daily assignments
 - notes
 - warm-ups
- Graph paper, which may be part of the notebook
- Pencil and eraser
- Straightedge (ruler)

If you have trouble finding any of these, please let Mr Griesser help.

Course Overview

First Semester	Second Semester
Solving Equations and Inequalities	Exponents and Exponential Functions
Linear Equations	Polynomials and Factoring
Linear Functions	Quadratic Functions
Systems of Linear Equations and Inequalities	Solving Quadratic Functions
Piecewise Functions	Working with Functions
	Statistics (optional)

Student Expectations

Attendance and Engagement

Key to success in this class, daily on-time attendance and full engagement in the instruction and activities is expected. If a student is unable to attend or participate in these activities, they must make alternative arrangements with the teacher.

Problem Solving & Mathematical Collaboration: To truly learn math, you must discuss interesting problems with others. We will work to build your collaborative skills, having critical and constructive exchanges, valuing mistakes, and encouraging and supporting one another as we create the courage and perseverance to solve challenging problems.

Cellphone and Accessories Policy

Bainbridge High School does not allow cellphone and accessories during scheduled class time unless the teacher requires them for instruction. In this class, cellphones, earbuds, smartwatches, etc. shall be in your backpack, not in your pockets. If any of these are out during class, they will be confiscated according to the BHS Cellphone Policy.

Entering and Leaving the Classroom

The class begins and ends with the classroom bell. Students are expected to be in the classroom and ready to work when the beginning bell rings. Students stay in the classroom throughout the class period with the exception of emergency breaks and scheduled appointments.

When leaving the classroom, students will sign-out. (Don't bring your cellphone or it will be confiscated.) When returning to class, please enter in a way that honors the learning in progress and sign back in.

Academic Honesty

Honesty is a compelling principle by which we operate all aspects of student and school life. Academic honesty is highly valued at BHS. Students should not cheat or plagiarize, nor should they tolerate such among fellow students. Students do not receive credit for work that is not their own. Cheating is defined as an attempt to earn credit or receive a grade for coursework in a manner other than defined as acceptable by the teacher...Because of the serious nature of academic honesty, violations of this code may result in loss of credit for the assignment with a recorded failing grade. It may also entail loss of credit for the course with a recorded failing grade, removal from the course with a failing grade, and/or additional appropriate disciplinary action. ([BISD Student Handbook](#))

There are many tools available online to help students solve problems, e.g., *Photomath*, *ChatGPT*, *Google Search*, *posted solutions*, etc.) Students may use these tools to help learn problem solving methods or to check answers, but students may not use these tools in place of their own work.

Communications and Self-Advocacy

Students need to be comfortable advocating for themselves. If you have questions or concerns, please email your teacher and/or counselor. We cannot help you unless we know what you need.

A summary of upcoming and recently due work is available on the [Week-at-a-Glance](#) webpage.

Policies & Procedures

Grading

Tests	60%
Quizzes	20%
Homework	20%

*Unexcused absence---0% on the test, quiz, or homework missed. See the make-up policy below.

Bainbridge High School reports grades at the end of each semester; progress reports are available for at the end of Term 1 and 3. Letter grades are calculated using the following grading scale:

Grade			
Mark	Description	High	Low
A	A	100.00%	93.00%
A-	A-	92.99%	90.00%
B+	B+	89.99%	87.00%
B	B	86.99%	83.00%
B-	B-	82.99%	80.00%
C+	C+	79.99%	77.00%
C	C	76.99%	73.00%
C-	C-	72.99%	70.00%
D+	D+	69.99%	67.00%
D	D	66.99%	60.00%
F	F	59.99%	0.00%

Submitting Assignments

- **Turning in work:** Assignments will be submitted in Google Classroom, DeltaMath or Savvas Realize (our textbook interfaces).
- **Homework:** Please expect an assignment each time we meet. Assigned work is due the next class period for full credit. Late work will still be accepted up to the chapter test for 88% credit. Homework turned in after the chapter test needs teacher approval to be accepted. This homework is credited at 77%, 66% or the score earned by percentage of correct problems depending on the timing and student's commitment to learning the material.
- **Assessments:** The best way to be successful is to keep pace with the class. We will frequently have formative assessments, where the solutions are provided after each question. These are part of the class- and homework assignments (*see above*).

You can expect at least weekly small quizzes, one longer quiz per chapter, a test at the end of each chapter, and a comprehensive final exam at the end of the semester.

- **Assessment Edits:** One test per semester may be edited for a better grade by recovering half of the points missed. Before editing a test, all homework for that unit must be completed and scored in Google Classroom above 80%. We use your notes and calculations from the assessment to understand why you picked the answer that you did, what you were thinking, why you got the grade you did. This analysis and reflection is important for learning and will help you improve your skills.

The weekly small quizzes may be edited for a better grade. The longer quizzes may not be edited.

Technology

To fully participate in this course, you will need to have access to your BISD chromebook or a similar device and an Internet connection. For tech support, please see the [Student Portal Tech Support](#) page.

I am here to help you learn and to be successful! Please reach out to me anytime for help.

- Mr. Griesser