

*Algebra I
Willowridge HS
Syllabus
2025-2026*



*On-Level and
Advanced Academics
P-Tech (Early College)*

"It is NOT your aptitude, but your attitude, that determines your altitude." ---- Zig Ziglar

<u>Remind</u>	<u>Tutorials</u>
Text: 81010 Send this Message: @alg1eagles www.remind.com/join/alg1eagles	Monday, Tuesday, Thursday: 6:50-7:30am Thursday: 3:10-4:10pm (<i>transportation provided</i>)

Course Overview

On-Level: This course serves as the foundation for all subsequent mathematics courses. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

A.A.C. Algebra I: will include a more in-depth study of the topics covered in Algebra 1. A strong emphasis is placed on increasing the development of critical thinking and problem-solving skills. The intention of this course is to prepare students for AP level math course work. (See your counselor if you have questions).

Algebra I Units of Study:

First Semester	Second Semester
Solving Linear Functions, Equations, and Inequalities	Operation of Polynomial Functions
Exploring Functions	Graphs of Quadratic Functions
Graphing & Writing Linear Functions, Equations, and Inequalities	Solving Quadratic Equations
System of Linear Equations & Inequalities	Exponential Functions

Grading & Student Ownership

Students will receive a high school grade, earning .5 credit per semester. The grade earned will be based on the criteria below.

Weight	Category	Description
50%	Major Grades: Tests, Major Quizzes, and Projects (AAC only)	<p>Exams occur roughly once every three weeks and cover one unit per exam. You must show your work on each assessment. This work must be submitted upon completion.</p> <p>Tests will be given in Eduphoria. Exams & Tests must be completed in one sitting. Calculators are embedded in the exams.</p>
50%	Daily Grades: Daily Assignments, Note Checks, & Participation	<p>Daily assignments are expected to be completed by the class period after they are assigned. Late work will lose 30% of the original grade and will not be accepted after 3 days.</p> <p>Most days, students will receive exercises to complete in class. It is important for students to organize these materials and exercises. Notes will be checked on exam</p>

		days. Student participation is a key component of Inquiry-Based Learning. Students must participate in class discussions daily.
Make-Up Work		Academic Integrity
Students that are absent on exam days must be prepared to make up exams the next school day.		CHEATING WILL NOT BE TOLERATED.
Opportunities to make up tests and daily assignments will be provided in accordance with FBISD policy. This policy only applies to high school assignments.		The copier and the source for the copier will both receive consequences. Academic dishonesty will be handled according to WHS policy. Parent and WHS administration will be notified of any academic dishonesty occurrence.

Classroom Expectations (see tabletop norms on your desk)

BE PROMPT BE PREPARED BE POSITIVE & POLITE BE PRODUCTIVE

No one is allowed to interfere with another student's learning or sense of self-worth!

Course Materials & Online Resources:

Students will receive ONE printed copy of selected instructional materials. Students are required to keep up with their materials, duplicates will not be given. IXL and Desmos are the two main online resources we will use daily.

Contact & Communication:

My conference period is 8th Period (M, T, F) 2:05pm-2:50pm and (Th) 1:20pm-2:50pm

Class communications, updates, and reminders will be sent via Remind. Email: michele.lytle@fortbendisd.gov

Communicate directly with me between the hours of 3:00pm and 8:00pm via Remind, Monday through Friday, and weekends as needed between the hours of 1:00pm and 8:00pm.

Supplies:

- Composition **Graphing** Notebook
- Pencils, Erasers, and Highlighters
- **BONUS: Hand Sanitizer & Tissue Box**

Classroom Rules

- Use the restroom PRIOR to the start of class.
- Report to class on-time, remain on task, and remain in class until dismissed by your teacher.
- Upon arrival take out notebook and begin Do Now assignment
- Adhere to FBISD Code of Student Conduct, Dress Code and Attendance Policy
- No eating in class; during instruction or breakout sessions
- Appropriate language is used **in all settings!**

Technology Support

If you need technical support, see Mr. Edgar Gonzalez in the Library, or call 281-634-1300.

I look forward to working with you this year! We will explore mathematics concepts and ideas, embracing new experiences along the way. My hope is that you learn a lot, grow mathematically, improve your math identity, exceed your goals, and achieve at HIGH levels!

Eagle Pride, Never Dies! Let's Climb!

Mathematically Yours,

Mrs. Michele Lytle, M.Ed.

Mathematics Department Chair & Instructor

Room F129

"We are ALL Doers of Mathematics!"