



PIPER HIGH SCHOOL

Algebra 1

Course Description: Algebra 1 is a *required* course that introduces basic algebraic skills and provides the foundation for all subsequent math courses. Topics include, but are not limited to, properties of real numbers, relations, linear, quadratic, and exponential functions, graphing equations and inequalities, systems of equations, radicals, factoring polynomials, rational equations, statistics, data analysis, and mathematical modeling. All students are required to take **and pass** the Algebra End-of-Course Exam as part of their graduation requirements.

Teacher Availability: E-mail is the best and fastest way to reach your instructor!

Javier Gonzalez: javier.gonzalez@browardschools.com

Juanakee Ford: juanakee.ford@browardschools.com

Jennifer Bird: jenniferlee.bird@browardschools.com

Patricia Maynard: patricia.maynard@browardschools.com

Course Textbook: Florida Explorations in Core Math: Algebra 1 (Houghton Mifflin Harcourt)

Electronic Resources: www.khanacademy.org, <http://browardschools.com/sso> (textbook & Math Nation)

Tutoring is available through the YMCA after school program (you must sign up in advance) and afterschool on Wednesdays with Mu Alpha Theta.

Course Expectations and Policies:

Attendance and Tardiness: Students are expected to be present and on time to class. It is difficult to learn new material if you are not here! Excessive absences and tardies will be handled according to school board policy.

Preparedness: Students must have assigned work and required materials every day! All students are expected to arrive on time and be ready to work at the sound of the tardy bell.

Academic Honesty: All students are expected to do their own assignments unless otherwise specified. If students are caught copying another's work, *all* parties will receive a zero (this includes plagiarism). If the problem persists, parents and administration will be notified.

Dress code: All students are expected to dress appropriately for school as per school board policy.

Teacher Passes: If another teacher wants you to miss MY class or any portion of it for ANY reason, do not assume that this will be fine with me. Check with me FIRST!

Class Notes: Each student is required to take and keep notes, class work and homework as per teacher preference. You are expected to take class notes every day and *annotate* as necessary.

Cell phones: Prior to the start of class, all students must turn their cell phones and/or electronic devices off to avoid unnecessary classroom disruptions. These devices should not be seen nor heard during class time unless initiated by the instructor.

Departmental Goal: The math department is dedicated to guiding our students to become analytical thinkers that are proficient in mathematics. It is our mission to provide the tools and support our students will need to succeed at the next level, whether in high school, college or the workplace.

Homework: Homework is assigned and to be done for each class session. It will be checked and reviewed the following day. You will not be penalized for mistakes in your homework; however you are expected to include *corrections* for all missed problems when we review them. You will be penalized for problems not attempted. **All work must be shown!** Answers without work will not be accepted.

Late Work: Late work will be accepted for **half** credit up to three days after the assignment was originally due. This does not pertain to excused absences as per school board policy.

Assessments: Tests, Quizzes and Projects will make up the bulk of your grade, so it is imperative that you keep up with your work. Assessments will be announced and on the board at least one class session before they are administered. The only make-ups allowed will be for tests. If a student misses a quiz, then the next test grade will be used to replace the missing quiz grade for that section.

The general classroom rules are:

1. Electronic devices are NOT to be seen or heard during class. (**YOU MAY NOT USE THE CALCULATOR ON YOUR PHONE!**)
As per administration, classrooms are NOT to be used as charging stations.
2. Arrive on time and be prepared to work.
3. Respect others – use appropriate language.
4. Sleeping will **not** be permitted during class.
5. Do not bring food or drinks (except water) into the classroom.
6. Stay in your seat unless you have permission to do otherwise.
7. Raise your hand to be recognized.
8. Take notes and correct your homework during class.
9. Pay attention and listen to the teacher or substitute.
10. Be respectful of school property.
11. Do NOT interrupt the class to ask for the bathroom pass unless it is an extreme emergency (statistically, that's about once per year). Wait until there is an appropriate time, if any.

COURSE CONTENT OUTLINE (this may change at teacher's discretion)

Semester 1	Semester 2
<ul style="list-style-type: none">• Equations• Inequalities• Functions• Linear Functions• Systems of Equations and Inequalities	<ul style="list-style-type: none">• Exponents and Polynomials• Factoring Polynomials• Quadratic Functions and Equations• Exponential Functions• Data Analysis and Probability

REQUIRED MATERIALS

Organization is an integral part of being a successful student. Along with organization comes preparation. It is **imperative** that students come to class prepared every day. Students should have the following materials with them daily:

1. #2 Pencils with erasers
2. Pen (for grading)
3. Loose-leaf binder with pockets (1 inch is fine) **OR** 3-prong folder with pockets
4. 2 composition books (**sewn-in pages**) with **quadrille** graph paper (available at Walmart, Office Depot, & Target)
5. Yellow Highlighter (only YELLOW!)
6. **Suggested** Scientific Calculator **TI-30XA** (any 4-function calculator is fine, but this is the EOC calculator)
7. Reading Material for Quiz/Test days (school appropriate)
8. Ruler

GRADING: The 9-week course grade will be based on various traditional and alternative assessments within the following categories:

1. Assessments (Tests, Quizzes, Projects):	60%
2. Homework/Class work/Notes/Warm-Ups:	40%
Total:	100%

Please **print, complete, and return** the next two pages so that I can easily reach you if I have any questions or concerns. Thank you.

Syllabus Confirmation Page: Algebra 1

I _____ have read through and discussed the

(Print student name)

course syllabus with my teacher today in class. I understand exactly what is expected of me and what my responsibilities are in this class. I know and understand what the academic policies and procedures are for this course. I am aware of and understand how I am going to be evaluated and assessed in this course and how my final grade will be calculated. I am aware of and understand that tardiness is not tolerated and can negatively affect my class grade. I know that if I need extra help or have concerns I should speak with my teacher as soon as possible.

Student Signature: _____ Date: _____

Parent/Guardian Signature: _____ Date: _____

Student Email Address: _____@_____

Parent/Guardian Email Address: _____@_____

Parents / Guardians:

Please check Pinnacle and your child's notebook on a regular basis. Pinnacle will list the given grades and the notebook will provide you with a daily snapshot of the homework assignments, class assignments, and class notes.

If you have any questions please feel free to email me anytime.

Algebra 1

Student Name: _____

1st Parent/Guardian Name: _____

Daytime Phone Number(s): _____

Are you available Mon-Fri (2:40 pm – 3:00 pm)? _____

2nd Parent/Guardian Name: _____

Daytime Phone Number(s): _____

Are you available Mon-Fri (2:40 pm – 3:00 pm)? _____

If you are unavailable during the day, please list an alternate name of someone I can contact.

Contact Name: _____

Daytime Phone Number(s): _____

Please list any other information I should know (medical history, etc...)
