

# Algebra 1 Syllabus

Chaviva High School

Mrs. Burris

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2019-2020

Welcome to Algebra 1! My name is Mrs. Burris, and I'm so excited to have you in my class this year. To get us started on the same page, here is a bunch of important information about what we will be doing and how things will be structured. Please read it thoroughly and follow the instructions on the second page of this packet.

## Course Overview:

Algebra 1 creates a strong foundation of problem solving and algebraic skills for future math study and general life. As we study the topics of Algebra 1, I hope you will begin to see how algebra is relevant in everyday scenarios, and that you can take the skills you learn in class and use them to help you solve daily, practical problems.

## Course Content:

- Unit 1: Data and Number Operations
- Unit 2: All Things Linear
- Unit 3: Functions
- Unit 4: Exponentials
- Unit 5: Quadratics

*To see a detailed account of each unit with their topics and standards, please visit the class website.*

## Goals for the Year:

1. Students will understand that they are 100% capable of being great mathematicians, regardless of their prior math experiences or assumed math capabilities.
2. Students will develop multidimensional skills of mathematics through collaboration and practice with persistence.
  - a. "Good mathematics is not about knowing all the right answers, but rather about what you do when you don't know the answer" -Anonymous
3. Students will work towards an appropriate level of mastery of the common core state standards for Algebra 1.
4. This course is designed to "engage students, encourage questions, and ignite a passion for lifelong learning." -Chaviva Beliefs Statement

## Class Website:

<https://sites.google.com/chavivahighschool.org/algebra1>

I will post all assignments and pertinent information on our class website. You can always go there to find assignments, notes, and other resources. At this time, you can access the website for a digital copy of this syllabus, an outline of our class pacing, and some of the resources for our first unit.

## Required Materials:

Each day you should bring these items to class: graphing calculator, Pencils with erasers, binder (divided into sections for Notes, Classwork, Aleks, Assessments, Projects, and any other sections that you find useful), paper (loose leaf and graphing), and a fully charged chrome book. The preparedness part of your participation grade will rely on you having these items when needed. We do not have a physical textbook, but will be using a combination of Aleks, notes I will provide, and an online curriculum through illustrative mathematics which you can access through [this link](#).

**Grading:**

Assessments quizzes, tests, and exams	50%
Homework explained below	15%
Classwork and Projects varies by unit	15%
Participation Grade graded on school-wide rubric	10%
Attendance	10%

**Homework:**

Your homework grade for this course will be calculated through Aleks. You should plan to work on Aleks for 1 hour per class period. This comes to a minimum of 3 hours per week. My recommendation is that you work on days that you do not have math class. This way, you will be practicing the math concepts every day. As you work, you should keep a list of questions and notes in the Aleks section of your binder. At any time, I can ask you to pull out that list and show me your notes or ask me some questions. Your preparedness for these check-ins will count (roughly 20%) towards your homework grade.

**Make-up Work Policy:**

See Chaviva Student Work Expectations.

**Participation:**

The Chaviva Student Engagement Rubric grades students for participation in 5 categories: focused/on task, ask/answer questions, preparedness, respectfulness of teachers, and respectfulness of peers. You will be graded daily on this rubric, and the daily scores will be averaged for a total of 10% of your final grade.

**Group Work:**

I really love group work and highly value the skills involved in having a good math discussion. When grading group work, I often use my [group work rubric](#). We will talk about this more in class. This grade will fall into the "Classwork and Projects" category.

**Classroom Procedures/Policies:**

Students are expected to...

- ❖ Follow all school procedures and rules outlined in the student handbook.
- ❖ Bring all required materials to class every day (including your fully charged chromebook).
- ❖ Be sitting quietly in their seats and starting the warm-up at the beginning of class.

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Dear Parents and Guardians,

1. What would you like me to know about you?

2. What would you like me to know about your student?

3. What do you think will be your student's biggest challenge this year, and how can I best help them overcome that challenge?

4. In your opinion, what is your student's greatest strength?
  
  
  
  
  
  
  
  
  
  
5. Describe your student's feelings towards math.
  
  
  
  
  
  
  
  
  
  
6. Is there anything else that you feel would be important for me to know?
  
  
  
  
  
  
  
  
  
  
7. Do you have any questions about me or the course that you would like me to contact you about?

Please let me know if you have any questions, or if there is anything else that I can do for you or your student to make this year a great one.

Thank you!

Rachel Burris

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