



## ALGEBRA I COURSE SYLLABUS 2017 - 2018



**Teacher:** Mrs. Diane Baker  
**Room:** G303

**E-mail:** [dbaker@hoover.k12.al.us](mailto:dbaker@hoover.k12.al.us)  
**Phone:** (205) 439-1200

**Class Website:** [www.bakeralgebra1.weebly.com](http://www.bakeralgebra1.weebly.com)

Please check the website for notes, assignments and announcements concerning quizzes/tests, especially if you are absent. A nine week planning guide for our Algebra I curriculum is also posted there.

### Resource Materials

**Textbook:** Carnegie Learning Algebra I, 4<sup>th</sup> Edition

**Website:** [www.carnegielearning.com](http://www.carnegielearning.com)

Students will receive a copy of the textbook in class. An electronic version of the textbook and online lab activities are accessible via the Carnegie Learning website.

### Supply List

- 2" 3-ring binder
- college/wide ruled paper
- graph paper
- binder pouch
- 3 or more sharpened pencils
- erasers
- pen (any color)
- 8 or more colored pencils
- highlighter (any color)
- 12-inch ruler
- scientific calculator, preferably a TI-30X IIS
- Chromebook and earbuds
- box of tissues

*If you have any difficulty getting supplies, please let me know.*

### Course Description

The Carnegie Learning Algebra I course offers a blended curriculum that is designed to engage students in active learning, increase academic motivation and connect Algebra I concepts to real world problem-solving through both individual and collaborative work.

This course will cover the following topics:

- Quantities and Relationships
- Graphs, Equations, and Inequalities
- Linear Functions
- Sequences
- Exponential Functions
- Systems of Equations
- Systems of Inequalities

- Introduction to Quadratic Functions
- Polynomials and Quadratics
- Solving Quadratic Equations and Inequalities
- Analyzing Data Sets for One Variable

### Grading System

#### **Every Nine Weeks:**

50%	Tests
30%	Quizzes/Projects/Lab Activities
20%	Classwork/Homework

#### **Each Semester:**

40%	1 <sup>st</sup> /3 <sup>rd</sup> Nine Weeks Grade
40%	2 <sup>nd</sup> /4 <sup>th</sup> Nine Weeks Grade
20%	Semester Exam

Tests are usually given at the end of each chapter and cover all the material presented in the chapter. There are 2 – 3 tests each nine-week grading period. Students receive **2 bonus points** if they come prepared with a pencil, scratch paper and scientific calculator on the day of the test.

Quizzes usually occur midway through the chapter and cover all the material presented up to the day of the quiz. There are 2 – 3 quizzes each nine-week grading period. Students earn **2 bonus points** if they come prepared with a pencil, scratch paper and scientific calculator on the day of the quiz.

Projects are assigned periodically throughout the year and consist of individual and/or group work done in and outside of class. Details about the project and a grading rubric will be provided when assigned.

Lab activities are usually assigned on a weekly basis and vary in length, taking one or more days to complete. Using their Chromebooks, students will usually spend one class period per week working on Mathia in the lab, where students can ask questions and work collaboratively. The remainder of their lab work is completed outside of class.

Classwork/Homework is assigned daily and is due the following school day. All work should be completed using paper and pencil. Students will have the opportunity to check their answers, correct their mistakes and ask questions during class. *Schoolwork is graded for both accuracy and effort so please SHOW ALL YOUR WORK to receive full credit.*

Late work can be turned in for ½ **credit** up to the day of the chapter test, subject to the teacher’s discretion. If a student misses **4 or more** assignments, the parent/guardian will be contacted. Students and parents are encouraged to check iNow regularly to keep track of the student’s grades.

### Classroom Code of Conduct/Expectations

I have high expectations for each and every one of my students. Now that we are in high school, students are expected to act like young adults. Some of the most important expectations for student behavior in the classroom are as follows:

1. **Be Considerate.**  
Raise your hand if you wish to participate or ask a question. Take turns speaking. Help others when they need assistance. Volunteer when the opportunity presents itself.
2. **Be Prepared.**  
Arrive on time. Come to class with all your supplies. Follow directions.
3. **Be Respectful.**  
Show respect for your teacher, your classmates and the property of others. Accept responsibility for your behavior. Think before you act so you can make the best decision possible. Encourage your classmates to do the same.
4. **Be Successful!**

Strive to do your very best. Stay on task and get as much work done in class as possible. Ask for help when needed. Take pride in your accomplishments.

### Classroom Procedures

The following procedures are guidelines for appropriate student behavior during class:

- When the bell rings, be in your assigned seat ready to work.
- Complete the bell ringer. It is a warm up activity that serves as a lead in for the day's lesson.
- Next, take out your homework and check your answers. Make corrections, as needed. If you do not understand how to solve a problem, ask questions. *Assignments are checked for accuracy and completion.*
- Lessons are presented using a variety of formats, including PowerPoint presentations, guided notes, videos and/or cooperative learning activities. You are expected to take notes throughout the lesson and use your notes to help you complete the assignment.
- We will begin work on most assignments in class so you can ask questions and work with your peers to solve problems and explore Algebra I concepts. Any unfinished work is completed as homework. *Use your time wisely and maximize what you can accomplish in class!*
- During the last few minutes of class, write down your homework assignment and pack your bag. Throw away any trash around your desk area. Leave the classroom as neat and clean as you would want it left for you.
- Remain seated until the teacher dismisses you.
- Students are in the classroom to learn, going to the bathroom, getting a drink of water, etc. should be kept to a minimum. Only water is permitted in the classroom.
- If a student wants to speak privately, please see me before or after class, after school or at a time when we both can meet.

Students are also expected to follow all school policies and regulations. If a student chooses not to conduct him/herself appropriately, the following disciplinary actions will be taken:

1. I will speak with the student informally letting him/her know that a particular behavior is inappropriate.
2. If the behavior continues, the student and I will have a private conversation about the behavior and more appropriate ways to act.
3. If the behavior continues to disrupt the learning environment, I will contact the student's parent/guardian.
4. If the student's conduct does not improve, I will refer the matter to an administrator.

### Technology Use

Every student is expected to bring his/her **fully charged** Chromebook and a scientific calculator to class daily. No other electronic devices are permitted in the classroom. *Use of any other electronic device will result in a verbal warning for the first offense and a request to place the electronic device in the student's backpack, book bag or purse. The second offense will result in the teacher taking the electronic device for the remainder of the class period.*

### Tardy Policy

Students who arrive less than 10 minutes late to class must sign the tardy log. Those who are 10 or more minutes late will need to go to the attendance office and obtain a pass before entering the classroom. School policy dictates the 4<sup>th</sup> tardy will result in a referral to an administrator who will arrange for the student to attend Saturday School.

### Absences

*If a student is absent, it is his/her responsibility to make up missed work.* Check the class website for notes, assignments, announcements about quizzes and/or tests, etc. Students have **1 additional day for each day missed** to makeup daily assignments and quizzes. Students have **1 week** to makeup tests after returning to school. Scheduled in advance with the teacher, quizzes and tests are usually made up during 4<sup>th</sup> period lunch/advisory. Please feel free to contact me with any questions or concerns you have about makeup work.

### Math Help

If you are having difficulty understanding the material presented in class, ask questions. We are a team and our success depends on each and every one of you mastering the Algebra I content. Come to my office hours during 4<sup>th</sup> period lunch/advisory or meet with me before or after school, but please make arrangements in advance so I can give you my undivided attention. Peer tutoring in A109 is another option for students who can come during zero period. The math department also maintains a list of paid tutors. Parent(s)/guardian(s) are welcome to contact me any time with questions and/or concerns. The best way to reach me is [dbaker@hoover.k12.al.us](mailto:dbaker@hoover.k12.al.us).

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Mrs. Diane Baker  
Algebra I  
Hoover High School

Dear Parent/Guardian,

The students and I reviewed the syllabus today so they are fully aware of their responsibilities and expectations for appropriate behavior in the classroom. Please take a moment to review this material for yourself and discuss any matters of concern with either myself and/or your student.

Please feel free to contact me any time you have concerns regarding your student, the class, or my teaching. If you need me, I can be reached at [dbaker@hoover.k12.al.us](mailto:dbaker@hoover.k12.al.us).

I look forward to working with you and your student.

Thank you in advance for all your help and support,

Mrs. Baker

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Please sign and date this form acknowledging that you have read and understand the syllabus.

Student's Printed Name: \_\_\_\_\_

Student's Signature: \_\_\_\_\_

Preferred Contact Information: \_\_\_\_\_

Parent/Guardian's Signature: \_\_\_\_\_

Preferred Contact Information: \_\_\_\_\_

Is there anything you would like to tell me about your child or are there any concerns you have about the class?

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