

Henry Ford Academy

ALGEBRA 1 SYLLABUS

I. **Course Title:** Algebra 1A and 1B
Term and Year: Trimester II and III- 2012-2013

II. **Teacher:** Mrs. Marie Whybark & Mrs. Jennifer Kuhowski & Ms. Lauren Wiltsie
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III. Course Description

Algebra is the foundation course for high school algebra, geometry and pre-calculus. Students will gain an understanding of linear functions, solving systems of equations, families of functions, polynomials, and quadratic functions. They will have the opportunity to apply their developing knowledge and skills by completing several math-related projects. Algebra 1 is a two trimester required course.

IV. Materials

- 3 ring binder or folder
- Loose leaf paper or spiral notebook
- Graph paper (prefer ¼" per mark)
- Pencils with erasers
- Student Planner (supplied by HFA)
- Textbook: Glencoe Algebra I (Students are issued a textbook to use for homework and studying. They do not need to bring it to class.) Replacement cost ~\$75.00
- TI 30 XII Calculator
- **(Note: The calculators are issued in class. The numbers are recorded and supplied to the office for inventory. At the end of the course, it is the students' responsibility to return the correctly assigned items without damage. Failure to return any of the issued items or obvious damage will result in replacement cost charges. These charges must be paid prior to receiving additional items.** If you plan to purchase a calculator instead, it would be helpful for the student if you purchase the same model we use in class.)

V. Course Content

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|------------------------|-------------------------|
| • Functions | • Families of Functions |
| • Linear Equations | • Polynomials |
| • Systems of Equations | • Quadratic Equations |

VI. Expectations

Your success in this class depends heavily on your preparation and participation. I expect all students to participate and contribute meaningfully in class. I also expect all students to be respectful of other students, teachers, and themselves. Each student is expected to help create a class environment that promotes learning, dignity, and mutual respect for others. Therefore, students are not to use any electronic devices in class unless I have granted prior permission. This includes but is not limited to cell phones (calling or texting), I-pods, MP3s, CD players, handheld devices, digital cameras, electronic tablets, etc. Cell phones may NOT be used as calculators.

VII. Homework and Assignments

Homework is assigned for students to practice their learning outside the classroom. Homework is a tool to help students master the content of this course. I expect all assignments to be completed on time. Homework is due during the next class period unless otherwise specified. Assignments are also given during class and are to be completed in the time frame allowed during class.

Homework and make-up procedures:

- Homework is due the day after it is assigned, unless otherwise noted. It is due in the first 5 minutes of class.
- Assignments are due on time and will not be accepted late.
- Students that submit their work on time, but receive an unacceptable grade on it, will have the ability to **RE-DO** the incorrect answers at a **90%** gain for each correction.
- **RE-DO's** must be attached to the original assignment, must show all work that enabled the new answer and must be submitted the next day after receipt.
- Only **1 RE-DO** is accepted **per assignment**.

VIII. Assessments

A variety of assessment methods are used in this course. In addition to monitoring homework and in-class assignments to gauge students' understanding, the following formal assessments are used:

- Quizzes- usually given weekly on Fridays.
- Exams- a mid-trimester and end of trimester exam will be given.
- Projects- may be individual or team assignments.

IX. Attendance Policy

Attendance is important in mathematics, as in all classes, because if a student is not present in class, a great deal of material is missed that cannot be made up effectively.

- When a student is absent it is their responsibility to get their make-up work upon return. All assignments are included on the Algebra Agenda and posted in the classroom and on the class Wiki site.
- Students need to visit me during Academic Coaching to receive their make-up work and get assistance. Make-up work is generally not handled during class time.
- A folder with class notes is maintained in the classroom for students to access for missed notes.
- Students will be given the same of number of days as the number they were absent to turn in make-up assignments. For instance, if they miss one class, they will have one extra class period to turn it in. If they miss 3 classes, they will have 3 extra class periods to turn it in.
- Quizzes will be given approximately weekly. If a quiz is missed, the quiz needs to be made up within a week if the student has returned to school.
- Missed exams need to be made up as soon as possible and within two weeks. Exams and quizzes may be made up during Academic Coaching or Homework Lab. It is the student's responsibility to be available to make up exams and quizzes. If students do not make up a quiz or exam, the grade will be a zero.

X. Tardy Policy

Students are expected to be in the classroom in their seats by the time class starts. The HFA tardy policy outlined in the HFA Student Handbook will be followed in this class. Students who miss the start of class miss the opportunity to receive full credit for the bellwork. Missing bellwork due to tardiness may not be made up.

XI. Course Schedule

The weekly "Algebra Agenda" provides information about classroom activities and homework assignments. A copy is provided to each student, posted in the classroom, and posted on the class Wiki site. Students are encouraged to use this schedule and their Daily Planner to keep track of their assignments and manage their time to promote the highest possible success in this course.

XII. Grading Computation

Grades will be updated at least weekly in Zangle and students and parents are encouraged to monitor grades using the Student and Parent Connect features available on the HFA school website: www.hfacademy.org

The marking period grade will be calculated as follows:

Classwork, Bellwork	15%
Homework	10%
Quizzes/Projects	55%
Mid-trimester Exam	10%
Final Exam	10%
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Total	100%

Grading Scale:

The Henry Ford Academy common grading matrix is used to calculate marking period and semester grades.

100 > A+	87 B+ <90	77 C+ <80	67 D+ <70	F <60
93 A <100	83 B <87	73 C <77	63 D <67	
90 A- <93	80 B- <83	70 C- <73	60 D- <63	

XIII. Student Progress and Grade Reports

All grades are posted on MiStar with separate access for students and parents. Grades are updated on MiStar weekly, at the least. School-wide progress reports are sent out each trimester. There are scheduled parent-teacher conferences during the school year. Additionally, emails may be sent to the parent email address submitted on the Parent Contact Form.

XIV. Cheating

- Cheating will not be tolerated. Students who give or receive answers to exams or quizzes, copy homework, or allow others to copy their work, or cheat in any other manner will receive a zero grade on the assignment, quiz, or exam.
- No talking is allowed during quizzes and exam. If students talk during a quiz or exam they may receive a zero score.

XV. Availability of Instructor

I offer tutoring after school at least once per week if requested. I am also available twice per week during Academic Coaching. If a student or parent needs to speak with me individually outside of class, they are welcome to make an appointment. The best method to contact me is email. Students are encouraged to attend Homework Lab and Academic Coaching if they need extra help beyond class time.

STUDENTS & PARENTS: Not sure what to do next? Use the checklist below. ☺

- Read and Review the Course Syllabus
- Login to Mrs. Whybark's Wiki: <http://mrswhybarkhfa2011.wikispaces.com/>

Classroom Expectations

- ▲ Be on time! When class starts you must already be in your seat, with your bellwork out and your pencil already sharpened. If you are not in your seat and ready, you will be considered tardy.
- ▲ Be prepared! Have your homework ready to be turned in at the start of class. If you do not have your homework at the start of class, it will be considered late.
- ▲ Bring materials:
 - Homework
 - Notebook
 - Pencil already sharpened. If you borrow a pencil, return it at the end of class.
- ▲ Be respectful! Treat everyone in the class with respect and courtesy. This includes the teacher, students, and substitute teachers. When you are asked to stop talking, do so. Socializing during class disrupts other students.
- ▲ Raise your hand to ask questions or answer questions. Do not interrupt the teacher or other students to blurt out answers.
- ▲ Stay in your seat! Wandering around the room or talking across the room to other students is disruptive. If you have trash, throw it away at the end of class.
- ▲ If you are absent, you are responsible for picking up your missed assignments and notes.
 - Check any one of the following three places to find out what you missed:
 - Class Wiki site
 - Algebra Agenda
 - Classroom posting
 - See Mrs. Whybark during Academic Coaching to pick up work, discuss what was missed, and copy missed notes.
 - All class notes are kept in a folder in class. You may use these to copy missed notes or check your own notes for accuracy.
 - If you missed a quiz or test, schedule a time to make it up during Academic Coaching.
- ▲ If you need to use the restrooms, do so between classes or during lunch. If you must go during class time, a class planner is used for passes and only one student at a time may be out of the classroom. If you need a pass to the office, a pass will be written in your planner.