# Mrs. Taylor Algebra: Concepts and Connections Syllabus

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<u>Supplies</u>
Binder
Notebook Paper
Pencils & Erasers
Agenda

## Textbook
We will be using the McGraw-Hill book Georgia Reveal Algebra 1 textbook.  Students may access their textbook online via the SSO Portal.

## Course Description
Algebra: Concepts and Connections is the first course in a sequence of three high school courses designed to ensure career and college readiness. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving algebra, geometry, bivariate data, and statistics. This course focuses on algebraic, quantitative, geometric, graphical, and statistical reasoning. In this course, students will continue to enhance their algebraic reasoning skills when analyzing and applying a deep understanding of linear functions, sums and products of rational and irrational numbers, systems of linear inequalities, distance, midpoint, slope, area, perimeter, nonlinear equations and functions, quadratic expressions, equations and functions, exponential expressions, equations, and functions, and statistical reasoning.
High school course content standards are listed by big ideas including Data and Statistical Reasoning, Probabilistic Reasoning, Functional and Graphical Reasoning, Patterning and Algebraic Reasoning, and Geometric and Spatial Reasoning.

## Tutoring Hours:
Tuesday 3:00-4:00PM
## Standards
You can find a list of all standards for Algebra: Concepts and Connections at
https://www.gadoe.org/Curriculum-Instruction-and-Assessment/Curriculum-and-Instruction/Documents/Mathematics/Georgia-K12-Mathematics-Standards/Georgia-HS-Algebra-Mathematics-Standards.pdf

## Course Outline

| Unit 1 | Modeling Linear Functions | Unit 5 | Investigating Rational and Irrational Numbers |
|---|---|---|---|
| Unit 2 | Analyzing Linear Inequalities | Unit 6 | Modeling and Analyzing Quadratic Functions |
| Unit 3 | Modeling and Analyzing Exponential Expressions & Equations | Unit 7 | Investigating Data |
| Unit 4 | Analyzing Exponential Functions | Unit 8 | Algebraic Connections to Geometric Concepts |

## Grading Procedures

| | | |
|---|---|---|
| Major Assessments | 45% | |
| Minor Assessments | 20% | |
| Daily Work | 15% | |
| Final Exam/EOC | 20% | |

This course includes a cumulative exam at the end of each semester. This course will also require an **End of Course Test** at the end of second semester.

You can check your grade anytime during the semester on Infinite Campus. Progress reports will be sent out at 6-week intervals.

## Homework
Homework will be given **NIGHTLY**. Students are expected to complete assignments fully, all assigned problems attempted with work shown, to earn full credit for the assignment. Because answers after discussed after homework has been checked, **I do not accept LATE HOMEWORK.** Failure to do homework will result in poor performance in this class.

## Quizzes
Quizzes will be given frequently to assess student progress. At least once per unit.

## Tests
A test will be given at the end of each unit. When a student is absent for a test, it is the student's responsibility to schedule the test make up with the teacher.

If cheating or plagiarism occurs on a major assessment, the student will be referred to an administrator for review. Cheating or plagiarism on a major assessment will also result in alternative discipline or in-school suspension. The ISS assignment will be progressively graduated if it is a repeated offense.

## Make-up Procedures (for absences from school)
1. The student is responsible for making up any/all missed work.
2. If a test or quiz is missed, it must be made up during tutoring after school. Students may plan to stay with another math teacher if they are unable to stay after school on Tuesdays.
3. A test or quiz must be finished in **one** visit.

## Non-Instructional Absence (NI's)
Please make sure you understand when you have an NI, you are responsible for what we have done in class. Quizzes and tests **MUST** be scheduled upon return and homework should be completed. It is YOUR responsibility to check Canvas to see what you missed. An NI is not a FREE day. It is not the same policy as if you were out sick. **Be responsible for your work.**

## VHS MATHEMATICS Algebra Test-Retest Policy
Students will have the opportunity to retake <u>all</u> tests given in this class over the semester (excluding the final exam) OR receive extra points on all tests given. Retests must be completed <u>within 2 weeks</u> of the original test being returned. Retests <u>will not</u> be offered for the following tasks: homework, and quizzes given throughout each unit.

## Requirements for retest:
1. Complete CORRECTIONS, at school, during a tutoring session or during SOAR (if available).
2. Parent & student must sign the Retest contract (if failed).
3. Students must complete the IXL skills assigned for the unit with a Smart Score of at least an 80.

Once the steps above have been completed, the student will be eligible to take an alternate version of the test either during tutoring before or after school. If this retake grade is higher, it will replace the original Unit Test grade.

## Teacher Expectations
1. Be on time for class. Students must be inside of the classroom when the bell rings to counted present.
2. Use the restroom between classes.
3. Remain seated during instructional time. Stay seated until the bell rings at the end of class. There will be no lining up at the door.

4.  No food or drinks, except water in a clear bottle with a top, in the classroom.
5.  Follow all handbook rules; be respectful.
6.  **Be prepared to learn, including bringing all school supplies every day!**
7.  Have a positive attitude!

## Classroom Consequences
1.  Reminder of classroom expectations
2.  Parent Notification
3.  Office Referral

## Chromebooks
All students are issued a district-provided Chrome book for instructional purposes, student engagement, and student learning. Chrome book use is at the direction and discretion of the classroom teacher.

## Canvas
To encourage blended learning, Canvas will be used weekly. Students should be familiar with how to navigate the online platform, communicate with their teacher, and submit assignments on time. If there are technology limitations, please notify the teacher.

Students are expected to log into Canvas daily. The following will be available on Canvas.
1.  Daily lessons and videos
2.  Copy of notes and classwork/homework
3.  Additional resources

**Students are expected to check BOTH school email and Canvas messages regularly.**

## iXL
Students will be required to utilize IXL as a means of improving specific content skills. This will be a monthly minor assessment grade which will be due on the last school day of each month. To earn full credit students will need to get four assigned skills to a score of 80%. There will not be an opportunity to earn a late grade on this assignment due to the abundance of time afforded to complete it.

## CHEATING
The academic integrity of courses at VHS is of the utmost importance; as such, cheating or academic dishonesty will not be tolerated. If a student cheats or plagiarizes on any assessment, the result is a zero as a placeholder until the student has had the opportunity to demonstrate learning on an alternate assignment.
The following are examples of cheating.
1.  Giving out or copying homework via in-person or virtually.
2.  Giving or receiving assistance during an assessment.

**The above will be sufficient grounds for a zero to be given to BOTH students for that assignment. Phones and smart watches will be collected before all tests.**

## Important Point
I am here to aid students in successfully learning mathematics. If at any time you need additional assistance or clarification, _please_, contact me as soon as possible. I will do whatever I can to assist you; your success is my priority.

Dear Parent/Guardian:

Please, fill in all the following information regarding your student to ensure that I have accurate contact information. I will keep the information on file and use it to contact you regarding your student's progress.


Student's Name (First & Last): _____     Class Period:_____


Mother/Guardian's Name: _____     Relationship: _____


Cell Phone:  _____     Guardian's E-mail address: _____

What is your preferred method of contact?     Email _____   Text Message _____     Phone Call_____


Father/Guardian's Name: _____     Relationship: _____


Cell Phone:  _____     Guardian's E-mail address: _____

What is your preferred method of contact?     Email _____   Text Message _____     Phone Call_____


Please feel free to list any comments or any information you see as important to your student's success in his/her math course.
_____
_____
_____
_____


Please, sign below to acknowledge that you have read the syllabus for **Advanced Algebra: Concepts and Connections**. Return to Mrs.Taylor by Monday, August 5th.

Parent Signature: _____     Date: _____


Student Signature: _____     Date: _____



THANK YOU!!
-   Mrs. C. Taylor