

# Honors Algebra 2

Mrs. Taylor  
School Phone #  
770-975-6503 ext:7011204  
Room #1204

**Tutoring Hours:** Thursday 7:50 – 8:15  
or by appointment

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(the best way to reach me)

<http://algebra1taylor.weebly.com>

**MATHEMATICS**  
is not about  
numbers, equations,  
computations, or  
algorithms:  
it is about  
**UNDERSTANDING.**

*William Paul Thurston*

## GENERAL INFORMATION

### Course Description:

Unit 1: Quadratics Revisited  
Unit 2: Operations with Polynomials & Factoring  
Unit 3: Polynomials Zeros & Functions  
Unit 4: Radical Functions & Rational Exponents  
Unit 5: Rational Relationships  
Unit 6: Exponential Functions  
Unit 7: Logarithms Functions  
Unit 8: Inferences and Conclusions from Data  
Unit 9: Inferences and Conclusions\*  
Final Exam

\*Changes in material covered will be made as needed

**Academic Integrity:** It is considered cheating to copy another student's work, receive any answers from another student, ask another student about a test or quiz they have taken and you have not, and represent another student's work as your own. Testing is taken very seriously. Any talking while any test paper is still out may result in a zero test grade. If it is determined that you have cheated, you will receive a zero on the assignment, your parents will be notified and an administrative referral will be filled out.

### 360° Classroom Description:

My classroom was outfitted with large whiteboards around the entire room so that every student had a space to work out their math problems. This gives me the ability to stand in the middle of the room and view all the student's work by turning 360 degrees in place. I can instantly assess student's work and math process of thinking, as well as identify student's work that approached the problems differently, but arrived at the same answer. Students enjoy this active process of learning and collaborating with each other.

**To ensure the effectiveness of the 360° classroom we have the following board rules/expectations:**

1. Write the problem on the board
2. Show all work needed in problem
3. Write so that I can read your work (no small print)
4. Do not Erase work until given permission.

### TEXTBOOK:

Holt McDougal Advanced Algebra Georgia Edition - \$74.25

A textbooks will be given only to students upon request.

### EXTRA CREDIT POLICY:

There is no extra credit available in this class; however, bonus opportunities are given periodically on tests/quizzes

**GRADING:** Your overall semester grade will be determined according to the following:

#### CCSD Policy

A 90-100	D 70-73
B 80-89	F 69 or below
C 74-79	

### GRADING CATEGORIES:

- Daily - 10%
- Quizzes - 25%
- Unit Tests -45%
- Final - 20%

### Class Rules/Class Expectations:

1. Students are expected to be in the classroom, seated or at assigned whiteboard, ready to work when the late bell rings.
2. Students should come to class prepared and expected to display a **high level of mature classroom behavior at all times.**
3. Students should exhibit on-task behavior working on the day's assignments at all times.
4. There is no talking while the teacher is talking because you will miss important information that will NOT be repeated.
5. Respect all classroom materials and supplies.
6. **BYOD POLICY:**
  - There are no cellphone, MP3 players, I-pods, etc allowed on the desks in class. Cell phones should be in holder at the front of room at all times. **They will be confiscated if procedure is not followed and seen.**
  - If technology is needed or the lesson, the teacher will inform students.
  - Students are not allowed to retrieve phone from the holder without prior permission.
  - Students are not allowed to record (audio or visual) anything within the classroom per the district policy.

8. **Restroom Policy:** At no time during the semester will a student be denied the right to use the restroom, but since it is necessary to keep interruptions in the classroom to a minimum bathroom policy is required. Students will be allowed to use the bathroom one at a time and must be at designated times only (not during first 10 minutes of class, notes, or last 10 minutes of class).

### Consequences for violating classroom Policies:

First Offense: Detention and Parent  
phone call

Second Offense: Office Referral

**\*\*Repeated or major offenses will be subject to an immediate referral\*\***

### Tutoring:

Tutoring sessions are offered many times throughout the week. We will be more than happy to help you with material that you find particularly difficult or challenging, however, you are expected to make the most of class time by taking notes, asking questions, using time wisely, etc. You must come to tutoring on time, with your notes, homework, and questions/problems you would like to work. Please be proactive and schedule help before you fall behind.

### Make-up Policy:

You will be given the number of days you were absent (plus one day) to complete any make-up work. Work not turned in within this timeframe will be considered late. **IT IS YOUR RESPONSIBILITY TO MAKE SURE YOU GET ALL OF YOUR WORK COMPLETED IN A TIMELY MANNER.**

- If you are absent the day of a review, you are still required to take the quiz/test as scheduled unless previous arrangements have been made with me.
- If you have missed instruction, but are present for the review day, you will be expected to take the quiz/test as scheduled unless previous arrangements have been made with me.
- If you are absent on the day of the quiz/test, you will be expected to take the quiz/test on the day you return to school unless previous arrangements have been made with me.

“Previous Arrangements” must be made **BEFORE** the start of class for the scheduled assessment.

### What does my grade mean?

0 - You did not attempt the problem or the work you provided has no relevance to the question.

1 - You attempted the question but lack serious understanding of the concept.

2 - You have some understanding of the concept but, made a several or a major mistake that indicates a gap in your understanding.

3 - You have a good understanding of the concept but made one (or more) simple mistakes.

4 - You have complete understanding of the concept and made no mistakes.

### Additional Learning Opportunities:

opportunities to relearn missed concepts will be provided throughout the remainder of the unit to help with mastery of the standards prior to the unit test

- Students will reassess quiz questions on each unit test. If they score higher on the test than they did on the quiz, the quiz grade will be replaced.
- Programs such as Delta Math, USA Test Prep, and Quizlet will be used to help students in class and at home to practice missed concepts.

### HOMEWORK:

The purpose of homework may be practice, preparation and/or the extension of instructional objectives aligned to the curriculum. The homework assigned will be at a level that students can complete independently whether done at home, a library, or other educational settings. Homework will be assigned almost every night. Students must complete all of the homework before the next class period. Homework may be checked at any time for completion and/or accuracy. Additional problems may be completed as needed for mastery of the material.

### REQUIRED MATERIALS:

In addition to your assignments from the previous night, you will need a composition notebook, 3-ring binder (can be shared with another class), paper, graph paper, pencil, calculator and your agenda EVERY day. The [TI-84 Plus](#) is the recommended calculator for the course.

**Dear Parent/Guardian:**

GSE Honors Algebra 2 is a semester class with a challenging curriculum that will be taught to high standards. Therefore, please invest in your student's success by checking their progress early and often to be sure they are completing their out-of-class assignments, keeping up with their reading, and studying for tests. If you have any questions or concerns, feel free to contact me via e-mail at [rachel.taylor@cobbk12.org](mailto:rachel.taylor@cobbk12.org); this is my best means of communication. Many materials for this class including this document are posted at my blog. Please use this resource to stay up-to-date with your student's assignments.

By signing below you have read and understand all the requirements for the class.

**Thank you for reading!**

Student Printed Name: \_\_\_\_\_ Student Signature: \_\_\_\_\_

Parent Printed Name: \_\_\_\_\_ Parent Signature: \_\_\_\_\_

Parent Contact Info (the best way to reach you): \_\_\_\_\_

Any Allergies that I need to be aware of:

Comments, Questions, or Concerns:

**Parents- In addition to the completing this form, please send me an email with your child's name as the subject title.  
Thank you!**