

## North Cobb High School Course Syllabus GSE Algebra 2 Y with Support

Algebra 2 with support is a yearlong course which explores the relationship between functions and how they are modeled through various applications. The purpose of this class is allow students to investigate how functions are used to problem-solve and critically analyze real-world situations.

### Required Materials

Students who are organized and adequately prepared for class will find the greatest chance for success. Please bring a 2" to 3" 3-ring binder, pencils and erasers, highlighter pen, loose-leaf paper, and **graphing calculator or scientific calculator. At a minimum, a TI-36X Pro will be necessary. For a free online version of a graphing calculator, please visit wabbitemu.org (Mac or PC) or download the wabbitemu app (Android only) and choose the TI-83 or TI-84 option.**

### Textbook

Holt McDougal's Advanced Algebra, 2014 edition

### Electronic Resources

All class materials and assignments can be found on our class page in CTLs.

### Grading System

The yearlong course will have grades divided between two separate classes in the gradebook.

In Synergy, the core class is labeled "**GSE Algebra II Y**" and is broken into three categories - formative, summative, and cumulative tests. Formative grades comprise of quizzes and major tasks; they will be weighted at 36%. Summative assessments include tests, and projects; they will be weighted at 54%. Cumulative Tests consists of the midterm and final exam; which will be weighted at 10% of the overall class grade.

GSE Algebra II Y				
Category	Formative	Summative	Cumulative Tests	Total
Weight	36%	54%	10%	100%

The elective class is labeled "**GSE Algebra II Support Y**" and will be made up of daily grades or "Assignments", which will be entered as an average at the end of each week. Assignments consist of homework, daily tasks, classwork, tickets-out-the-door, and comprehensive checks. These will be graded for completion. **Assignments for the week will not be accepted after midnight Sunday night.**

GSE Algebra II Support Y	
Category	Assignments
Weight	100%



**How to be successful in Algebra 2**

- Please come to class on time and prepared to learn.
- Keep up with your assignments on a timely basis and turn them in through "Lesson Assignments" in CTLS.
- Do not wait until the day before the test to get help!
- In live class sessions:
  - Mute your phone
  - Be respectful of others
  - Communicate appropriately and stay on topic
  - Mute your microphone upon entering class – unmute only to talk
  - Come prepared – paper/pencil/calculator
- It is standard practice in the math classroom for students to **show their work!** Answers alone are unacceptable. Students must be able to justify their solutions and teachers must be able to assess students' understanding, therefore all steps (or a written explanation) must accompany each problem.
- Your answers to homework, quizzes, and exams must be your own work (except for assignments that explicitly permit collaboration).
- You may not share your solutions to homework, quizzes, or exams with anyone else unless explicitly permitted by the instructor. This includes anything written by you, as well as any official solutions provided by the course staff.
- You may not engage in any other activities that will dishonestly improve your results or dishonestly improve or damage the results of others.

**Contact Information**

Feel free to contact me at [natalie.hise@cobbk12.org](mailto:natalie.hise@cobbk12.org) or through CTLS.

