

Algebra 1 Common Core Course Outline

Mrs. H. Long

Commack HS 2018 – 2019

Dear Student & Parents/Guardians:

Welcome to the start of an exciting new school year. I look forward to working with you throughout the year. I am confident that together we can reach outstanding accomplishments in mathematics. To ensure that we begin on the right track, I have detailed my classroom procedures for you to review.

During the course of the year I welcome your comments, questions, and concerns. If you would like to contact me I request that you email me at hlong@commack.k12.ny.us. I will make every effort to respond to your email as soon as possible.

Let's work together to make this a successful, challenging, and productive school year!

CLASS RULES and EXPECTATIONS

- 1) Be seated *before* the bell rings
- 2) Come to class prepared (bring binder, pens/pencils, paper, calculator, homework)
- 3) Be responsible for missed work (be able to contact a classmate) and missed exams

SUPPLIES NEEDED

- 1) **Notebook** – Strongly recommend: 3 ring binder (I use many handouts!)
- 2) **Tools** – Pens, pencils, looseleaf paper, agenda
- 3) ***Calculator** – TI-84 (plus) calculator – **MUST HAVE EVERY DAY**
- 4) **Textbook** – available upon request. All students have access to the textbook on-line.

*If a student is unable to purchase his/her own calculator he/she may borrow a calculator from the high school library. The student will be responsible for any damage to, or the loss or theft of the calculator. The student is also responsible for purchasing batteries for the calculator. The school store sells replacement sets of 4 AAA batteries.

HOMEWORK

Expect homework to be assigned daily. Unless completed online, all assignments must be neatly written with the **student's name, page numbers and date** on it. All questions must be written out and all work shown. **IMPORTANT: A list of answers is not acceptable and will be counted as a missed homework.** Homework accounts for 10% of each marking period grade.

ABSENCES

It is the student's responsibility to copy missed notes from a classmate. You must make up all classwork, homework, and exams. If you miss a day of review, you are still responsible for completing the test on the scheduled day. Please make sure that you have a way to contact at least two different students in this class, so that you can find out about missed notes and assignments.

EXTRA HELP

Tuesday and Thursday mornings from 6:55 to 7:25 in Room 237.

OVERVIEW of the COURSE

The course focuses predominantly on functions, specifically **linear** functions (to include arithmetic sequences,) and inequalities, **exponential** functions (to include geometric sequences,) **quadratic** functions, **absolute value** functions, and **radical** functions. There is a strong emphasis on real life problem solving and mathematical modeling, with the goal of developing an understanding of the relationship between data, graphs, and equations. The emphasis is not only on mathematical procedure but on understanding, as well. Students will learn to communicate mathematically, and be able to justify the processes they use and the conclusions they reach.

CALCULATION of COURSE GRADE

The student's grade for this course will be determined in the following manner:

- 1) **Tests:** A major test will be given at the end of each unit. Tests will always be cumulative, and students may be asked to recall material they have learned in previous units.
- 2) **Quizzes:** The purpose of a quiz is to reinforce material that has been recently taught, so it is limited to the current topic.
- 3) **Projects:** individual and/or group projects.
- 4) **Completion of homework.** This includes coming to class prepared every day (see **SUPPLIES NEEDED**)

There will be a **midterm exam** and a New York State **Regents Exam** (the final exam for the course.)

Marking Period Grades are calculated as follows:

90% from your test, quiz, and project grades

10% from your homework grades

Your final grade for the course (in June) is based on the four marking period grades, the midterm exam, the New York State Regents exam, and local assessments.

Remember: Your success in this class relies entirely upon you! You have complete control of your grade. Make a strong commitment to yourself to be successful, ask questions, and come to extra help when you need it. I am here to help and support you.

Good Luck!

Mrs. Long

Especially for Parents:

PARENT PORTAL – ACCESS TO YOUR CHILD'S PROGRESS

Commack High School has an "Open Gradebook" policy. Grades for each test, quiz, project, homework assignment are entered into Infinite Campus, and are immediately available for you to see. My goal is to have grades posted as soon as possible, usually within 2 – 3 days after the assignment was due or exam was taken. Please check the Parent Portal regularly.

OPEN HOUSE – Tuesday, September 25, 7 p.m.