Welcome, parents and students to Algebra 1A!

**Course Description:**

Students will review basic tools of algebra, algebraic concepts, and simple equations. Students work with functions, graphing, multiple-step equations, inequalities, linear equations, quadratic equations and functions, number theory, radical and rational expressions as well as exponential functions. Instruction will consist of a variety of strategies including manipulatives, instructional games, and projects.

This course is designed to be taken in two years. Extended Algebra IA is the first half of the Algebra 1 Curriculum.

**Eureka Math:**

This year, we will be using the Eureka Math curriculum for the algebra IA course.

“Eureka Math connects math to the real world in ways that take the fear out of math and build student confidence—helping students achieve true understanding lesson by lesson and year after year

Eureka Math was written by a team of teachers and mathematicians who took great care to present mathematics in a logical progression from grade PK—12. This coherent approach allows teachers to know what incoming students already have learned and ensures that students are prepared for what comes next. It’s not enough for students to know the process for solving a problem; they need to understand why that process works. Teaching mathematics as a "story," Eureka Math builds students’ knowledge logically and thoroughly to help them achieve deep understanding. While this approach is unfamiliar to those of us who grew up memorizing mathematical facts and formulas, it has been tested and proven to be the most successful method in the world.” (<https://greatminds.org/math>)

Please check out their website for more information and helpful links for parents.

**Assignments and Homework:**

Homework will be assigned almost daily. These assignments will be posted on my website. (See below for more information) As per the school policy, those who keep an 85% and above are not required to complete the homework. I cannot stress the importance of homework and the benefits of practicing the skills we learn in class, though, so it is highly suggested that all students complete the homework.

**Website:**

I will be keeping a website for all pertinent information. Homework assignments, notes, upcoming tests/important dates will all be on this website. It will most likely be updated daily, so please be diligent of checking it for any updates.

[www.missesposito.weebly.com](http://www.missesposito.weebly.com)

**Grading:**

I will be using the following grading scale. Because we are using the Eureka Math program, the grading scale will look different from other classes. The breakdown of percentages is below. Students will be graded through:

* Mid and End of Module Assessments
* Teacher Created Assessments
* Midterm Exam
* Final Exam

|  |  |  |
| --- | --- | --- |
| **Category** | **Points** | **% Of Overall Grade** |
| Teacher Created Assessments |  | 20% |
| * Weekly Quizzes | 10pts |  |
| * Other Assessments | Points will vary |  |
| Module Assessments | 100pts | 60% |
| Midterm Exam |  | 10% |
| Final Exam |  | 10% |

**Tests and Quizzes:**

Most every week, students will have a quiz. I would like to have one every Friday. Every module through the Eureka Math program will have a “Mid Module Assessment” and “End of Module Assessment”. (These are comparable to FK Assessments)

**Course Outline:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Module 1: Relationships between quantities and reasoning with their equations and graphs | Module 2:  Descriptive Statistics | Module 3:  Linear and exponential functions | Module 4:  Polynomial and Quadratic Expressions, equations and functions | Module 5:  A synthesis of modeling with equations and functions |

**Materials Needed:**

* Calculator (Scientific or Graphing Calculator)
* PENCILS!!!!!! (All work submitted will need to be completed in pencil)
* Eureka Student Edition Book
* Binder (with dividers)

**Textbook:**

Each student will be receiving a Student Edition of the Eureka Math Curriculum. This will be used every day in class as the students will be able to write directly in this student edition. Students will be required to bring this to class every day.

**BYOD:**

As per the school policy, students may bring their own device into school. Cellphones, Ipads, etc. Unless permitted, students must keep their technology out of sight upon entering my classroom. Each student will be assigned a number slot in which they will put their cell phone upon entering the room. A minor offense will be issued for anyone who does not follow this policy.

**Late Work:**

As per the school policy, deductions for late work is as follows…

* For every day (up to five days) an assignment is late, the student will have 10% of the score earned deducted.
* Any day after five days, the student will receive 50% of the score earned on the assignment.
* Late assignments MUST be turned in before the end of quarter dates or it will count as a “0”.

I will be putting a “0” in for any missing assignment or late assignment until it is graded. DISCLAIMER: late assignments do not hold an immediate priority for me so it may take a while before it is graded.

**Absences:**

Please check my website if you are absent so that you can see what assignment you miss for the day. If you have any questions or would like help getting your missing assignments, please come see me or email me. I would be more than happy to help out!

I look forward to working with each and every one of you! Please let me know if you have questions. My email is [tesposito@ccs.us](mailto:tesposito@ccs.us) and my voicemail is at the extension 7718. Happy 2016-2017 school year!

Miss E ☺