



Locust Grove Middle School
Coordinate Algebra
2015 - 2016



Instructor: Mr. Johnson – jerel.johnson@henry.k12.ga.us
Room #: 806

Course Description:

This is the first course in a sequence of courses designed to provide students with a rigorous program of study in mathematics. The Georgia Standards of Excellence (GSE) will prepare Georgia students to better compete with students from other states when applying to colleges, technical schools, or entering the work force after graduating from high school.

Textbook:

The Common Core Coach Coordinate Algebra book is available to order in bulk from Triumph Learning. Orders are taken by me and given to the Math department chair for ordering. Once the funds for 21 books are received, we will order the coach books. The coach books are not mandatory as we have a Personalized Learning environment.

Materials:

Here is a list of supplies your child needs every day for class:

- 1) Pencil/Paper
- 2) Ruler
- 3) Graph Paper
- 4) 3 Ring Binder with 6 Dividers (Exclusively for Math)
- 5) Scientific Calculator

Course Content:

1st semester:

Relationships Between Quantities
Reasoning with Equations
and Inequalities
Linear and Exponential Functions

2nd semester:

Describing Data
Transformations in the Coordinate Plane
Connecting Algebra and Geometry
through Coordinates

Grading Policies:

Standards based grading is used to show mastery of each standard in every unit of Coordinate Algebra. A student shows mastery of a standard by scoring at least 90% on a Pre-Test or 70% on Formative Assessment or Post-Test. The total number of grades per standard by year's end is averaged into the final course grade as 80% of the final grade. The remaining 20% is represented by the EOCT grade. The Coordinate Algebra final course grade is averaged into the overall high school GPA.

Mid-Year Assessment (December):

The mid-year assessment is cumulative. I highly recommend periodically reviewing past material so you are not overwhelmed reviewing at the end of the semester.

Availability:

I am available for tutoring 7:45am – 8:15am daily. During this time, I will answer your questions in any way I can unless I have duty, a meeting, or a parent conference. Please have a signed document to gain access to the classroom on any particular day.

Helpful Web Sites: www.khanacademy.org, www.purplemath.com, www.georgiastandards.org