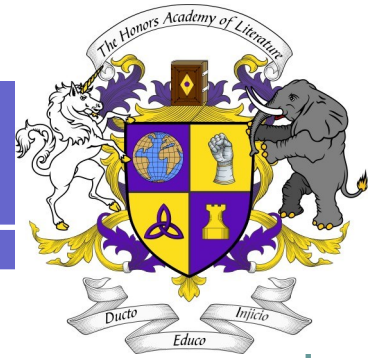# MS. KATIE– MATH

HONORS ACADEMY OF LITERATURE

Common Core State Standards

- **CCSS.MATH.CONTENT.5.G.A.1**: Use a pair of perpendicular number lines, called axes, to define a coordinate system, with the intersection of the lines (the origin) arranged to coincide with the 0 on each line and a given point in the plane located by using an ordered pair of numbers, called its coordinates. Understand that the first number indicates how far to travel from the origin in the direction of one axis, and the second number indicates how far to travel in the direction of the second axis, with the convention that the names of the two axes and the coordinates correspond (e.g., *x*-axis and *x*-coordinate, *y*-axis and *y*-coordinate).

In-class Graded Assignments

- **Working in small groups**

Homework Graded Assignments

- *None*

Objectives and Validation

- **Objective:** Students will be able to work together in their groups to complete different activities and projects.

    Measure: Contribution to group discussions.

- **Objective:** Students will be able to complete a classroom activity where they plot points in a coordinate system.

    Measure: Classwork

Mini-Lesson Topics

Math
Conceptualization
Parentheses
Angles
3-Dimensional
2-Dimensional
Units
Cube
Cubic measurements
Coordinate System

* See your child's Developmental Education Plan for one-on-one and small group instruction