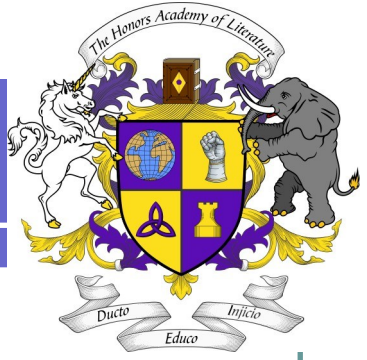


AUGUST 18-AUGUST 22

MS. DORA- MATH/SCIENCE



THE HONORS ACADEMY OF LITERATURE

Common Core State Standards

3. Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations.
- a. Make tables of equivalent ratios relating quantities with whole number measurements, find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.
 - b. Solve unit rate problems including those involving unit pricing and constant speed. *For example, if it took 7 hours to mow 4 lawns, then at that rate, how many lawns could be mowed in 35 hours? At what rate were lawns being mowed?*
 - c. Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the whole, given a part and the percent.
 - d. Use ratio reasoning to convert measurement units; manipulate

Objectives and Validation

- **Objective: Scholars will show understanding of Comparing Quantities**
Measure: Notes and Summative evaluation
- **Objective: Scholars will understand Graphs of Functions**
Measure: Group exercise
- **Objective: Scholars will understand Equivalent Ratios**
Measure: Notes and Summative assessment
- **Objective: Scholars will show an understanding of the Basics of Matter**
Measure: Completion of science journal, group project and notes on others projects.

In-class Graded Assignments

- **Evaluation**
- **Text 92-99**
- **Text 185**
- **Text 139-143**

Homework Graded Assignments

- **Workbook 75-76**
- **Workbook 77-78**
- **Workbook 21-22**

Mini-Lesson Topics

Comparing Quantities I
Comparing Quantities II
Graphs of Functions
Equivalent Ratios
Basics of Matter

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