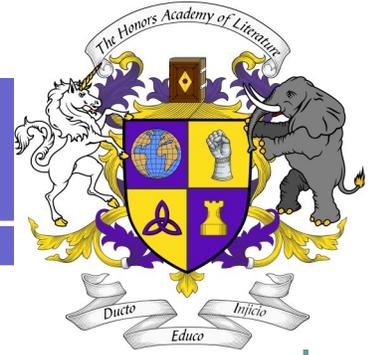


MARCH 3—MARCH 7

MS. AUDREY— MATH

HONORS ACADEMY OF LITERATURE



Common Core State Standards

CCSS.Math.Content.7.EE.B.4 Use variables to represent quantities in a real-world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.

CCSS.Math.Content.8.SP.A.1 Construct and interpret scatter plots for bivariate measurement data to investigate patterns of association between two quantities. Describe patterns such as clustering, outliers, positive or negative association, linear association, and nonlinear association.

CCSS.Math.Content.8.SP.A.4 Understand that patterns of association can also be seen in bivariate categorical data by displaying frequencies and relative frequencies in a two-way table. Construct and interpret a two-way table summarizing data on two categorical variables collected from the same subjects. Use relative frequencies calculated for rows or columns to describe possible association between the two variables. *For example, collect data from students in your class on whether or not they have a curfew on school nights and whether or not they have assigned chores at home. Is there evidence that those who have a curfew also tend to have chores?*

CCSS.Math.Content.7.SP.A.1 Understand that statistics can be used to gain information about a population by examining a sample of the population; generalizations about a population from a sample are valid only if the sample is representative of that population. Understand that random sampling tends to produce representative samples and support valid inferences.

Objectives and Validation

- Objective: Group 1: Students will understand the use of letters in algebra, and will be able to solve simple algebraic expressions.
Measure: teacher observation, classwork related to lessons, and chapter 5 exam.
- Objective: Group 1: Students will begin to collect and analyze data
Measure: Classwork.
- Objective: Group 2: Students will analyze bivariate data using bar graphs, histograms, line graphs, and scatter plots.
Measure: Homework and classwork.

In-class Graded Assignments

- Classwork related to lessons

Homework Graded Assignments

- Complete 3 choices from homework menu

Mini-Lesson Topics

Simple linear equations in one variable

Equations involving parentheses

Simple Fractional Equations

Forming linear equations to solve problems

Bar graphs and histograms

Line graphs and scatter plots

Collection of data

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