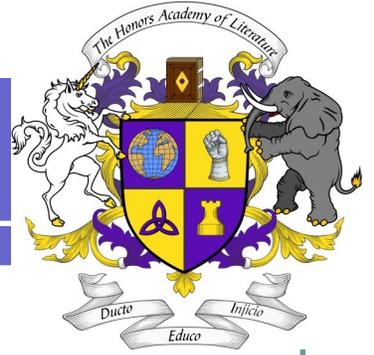


MAY 11—MAY 15

# MS. AUDREY— MATH



HONORS ACADEMY OF LITERATURE

## Common Core State Standards

### 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.

### CCSS.MATH.CONTENT.7.SP.B.4

Use measures of center and measures of variability for numerical data from random samples to draw informal comparative inferences about two populations.

### CCSS.MATH.CONTENT.8.EE.A.3

Use numbers expressed in the form of a single digit times an integer power of 10 to estimate very large or very small quantities, and to express how many times as much one is than the other

### CCSS.MATH.CONTENT.8.EE.C.8

Analyze and solve pairs of simultaneous linear equations.

### CCSS.MATH.CONTENT.HSG.C.A.2

Identify and describe relationships among inscribed angles, radii, and chords.

### In-class Graded Assignments

- **Classwork related to lessons**

### Homework Graded Assignments

- **Heads and tails**

## Objectives and Validation

- Objective: Group 1—Students will be able to collect data, represent data in dot plots, and calculate mean, median, and mode.  
Measure: classwork, homework, and unit test.
- Objective: Group 2a —Students will be able to analyze and solve systems of two algebraic equations.  
Measure: classwork, homework, and unit test.
- Objective: Group 2b—Students will understand the rules of exponents and will be able to simplify expressions involving positive and negative exponents. They will be able to represent numbers in scientific notation and round to significant figures.  
Measure: classwork and unit test.
- Objective: Group 3—Students will be able to describe relationships between circles, radii, chords, arcs, and internal angles.  
Measure: classwork

### T.8.G.B.6

### Mini-Lesson Topics

<u>VT.8</u>	Data handling
ean T	Set Notation
d thr	The meaning of probability
	Accuracy of calculators
	Significant Figures
	Scientific Notation
	Solving quadratic equations by factoring
	Linear Equations in two variables
	Solving simultaneous linear equations in two variables using the graphical method
	Circles, angles, chords, and arcs

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