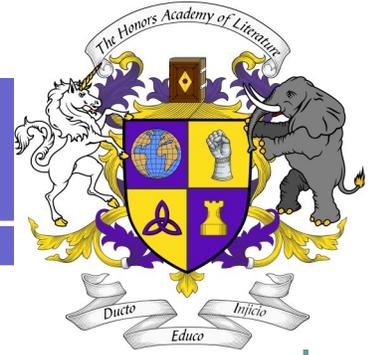


OCTOBER 20—OCTOBER 24

# 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.EE.C.7

Solve linear equations in one variable.

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

Analyze and solve pairs of simultaneous linear equations.

## Objectives and Validation

- Objective: Group 1: Students will understand the use of variables in algebra and will be able to solve 1-2 step problems in one variable. .  
Measure: classwork, homework, and unit test,
- Objective: Group 2: Students will begin to explore algebraic equations in two variables, and will solve them using the graphical and substitution methods.  
Measure: Homework, classwork and unit test.
- Objective: Group 3: Students will review math concepts and serve as mentors to the rest of the class until their text books arrive.  
Measure: teacher observation.

### In-class Graded Assignments

- **Classwork related to lessons**

### Homework Graded Assignments

- **Complete homework menu and worksheets related to classwork.**

### Mini-Lesson Topics

Computer programming
The use of letters in algebra
Evaluation of algebraic expressions and formulas
Writing algebraic expressions to represent real-world situations
Linear equations in two variables
Solving simultaneous linear equations in two variables using the graphical method
Solving simultaneous linear equations in two variables using the substitution method
Mathcounts video projects

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