SEPTEMBER 8—SEPTEMBER 12

MS. AUDREY– MATH

HONORS ACADEMY OF LITERATURE

Common Core State Standards

CCSS.MATH.CONTENT.7.NS.A.1
Apply and extend previous understandings of addition and subtraction to add and subtract rational numbers; represent addition and subtraction on a horizontal or vertical number line diagram.
CCSS.MATH.CONTENT.7.NS.A.2
Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.
CCSS.MATH.CONTENT.7.NS.A.3
Solve real-world and mathematical problems involving the four operations with rational numbers.[1]
CCSS.MATH.CONTENT.7.EE.A.1
Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.
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.

In-class Graded Assignments

- **Classwork related to lessons**
- **Constructed Response worksheets**

Homework Graded Assignments

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

Objectives and Validation

- Objective: Group 1: Students will understand how to represent negative numbers and absolute value on a number line, and will be able to add, subtract, multiply, and divide using negative and positive integers.

  Measure: classwork, homework, and unit test,

- Objective: Group 2: Students will review algebraic manipulation and algebraic equations in one variable in preparation for a unit on linear equations in two variables.

  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.

Mini-Lesson Topics

Computer programming
Number line and negative numbers
Addition and Additive Inverse
Subtraction and absolute value of the difference
Multiplication, Division, and Combined Operations of Integers
Like and unlike terms
Distributive law, Addition and subtraction of linear algebraic expressions
Simplification of Linear Algebraic Expressions

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