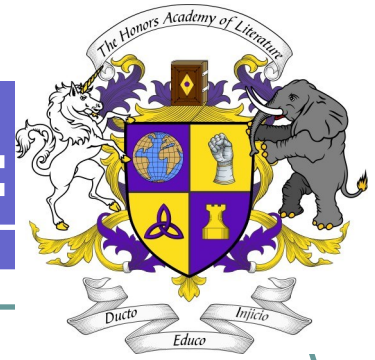# MS. CHRIS– MATH AND SCIENCE

HONORS ACADEMY OF LITERATURE

Common Core State Standards

- <u>Mathematical Practice Standards:</u>
    1. Make sense of problems and persevere in solving them
    2. Reason abstractly and quantitatively
    3. Construct viable arguments
    4. Model with Mathematics
    5. Use appropriate tools strategically
    6. Attend to precision
    7. Look for and make use of structure
    8. Look for and express regularity in repeated reasoning

Operations and Algebraic Thinking:

- CCSS.Math.Content.1.OA.A1: Use addition and subtraction to within 20 to solve word problems

- CCSS.Math.Content.2.OA.A.1
  Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

- CCSS.Math.Content.2.OA.C.4 Use addition to find the total number of objects arranged in rectangular arrays (up to 5x5) as a sum of equal addends

- Science: Engineering Design:

K-2-ETS1-1 Ask Questions, make observations, gather information

K-2-ETS1-2 Develop a simple sketch, drawing, or physical model

K-2-ETS1-3: Analyze Data from test of two objects

In-class Graded Assignments:

Daily Journal entries

Small group assignments

Homework Graded Assignments :

Math Daily Homework Sheet

Mini-Lesson Topics

Math Arrays
Doubles
Friendly Numbers

Objectives and Validation

- Objective: Students will be able to Solve and represent math arrays

    Measure: Student work in journal

- Objective: Students will be able to discuss their thinking and how they arrived at an answer during Mental Math Strategy time.

    Measure: Students are discussing and listening to their peers for possible math strategies.

- Objective: Students will be able to predict an outcome and describe results

    Measure: Student completed activity

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