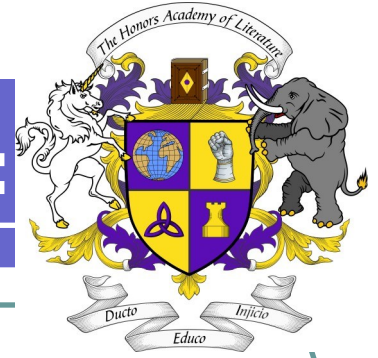


# MS. CHRIS- MATH AND SCIENCE



## HONORS ACADEMY OF LITERATURE

### Common Core State Standards

- Mathematical Practice Standards:
  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.1.MD.C.4: Organize, represent, and interpret data with up to three categories
- CCSS.Math.Content.2.MD.D.10: Draw a picture graph and a bar graph .

#### Science Practices:

- Planning and Carrying Out Investigations
- Analyzing and Interpreting Data
- Developing and Using Models
- Engaging in Argument from Evidence
- Constructing Explanations and Designing Solutions
- Obtaining, Evaluating, and Communicating information

## Objectives and Validation

- Objective: Students will be able to transfer information into a graph  
Measure: Student created graphs in math notebook
- 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 identify forces that push and pull  
Measure: Student completed activity

### In-class Graded Assignments:

Daily Journal entries

Small group assignments

### Homework Graded Assignments :

Math Daily Homework Sheet

### Mini-Lesson Topics

Number Stories

Graphs

Science: Falling for Apples: Force and Motion

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