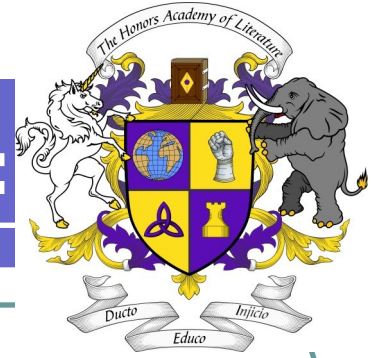


# MS. CHRIS- MATH AND SCIENCE



## 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

#### Operations and Algebraic Thinking:

- CCSS.Math.Content.1.OA.A1: Use addition and subtraction to within 20 to solve word problems
- CCSS.Math.Content.1.OA.A.2  
Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
- 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.NBT.B.5 Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.

#### Science:

ESS1.A The Universe and It's Stars: patterns of the motion of the sun, moon, and stars in the sky can be observed, described, and predicted.

### In-class Graded Assignments:

Daily Journal entries

Small group assignments

### Homework Graded Assignments :

Math Daily Homework Sheet

### Mini-Lesson Topics

Daily Math Rotations:  
 Math with a Partner  
 Math by Myself  
 Math Writing  
 Math Technology

Math Formative Assessments

Math Strategies: Tally Graphs; Adding 3 1-2 digit numbers

Science: Stars

## Objectives and Validation

- Objective: Students will be able to work independently and in small groups.  
Measure: Students will be working with small groups and in math journals
- 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 that stars can only be seen at night.  
Measure: Students will participate in class activities and recording learn in math/science journal.

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