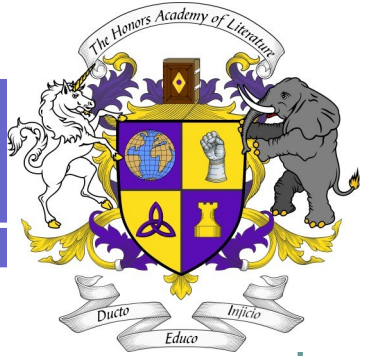# MS. DORA– MATH/SCIENCE

THE HONORS ACADEMY OF LITERATURE

Common Core State Standards

- CCSS.Math.Content.6.NS.A.1 Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem. *For example, create a story context for (2/3) ÷ (3/4) and use a visual fraction model to show the quotient; use the relationship between multiplication and division to explain that (2/3) ÷ (3/4) = 8/9 because 3/4 of 8/9 is 2/3. (In general, (a/b) ÷ (c/d) = ad/bc.) How much chocolate will each person get if 3 people share 1/2 lb of chocolate equally? How many 3/4-cup servings are in 2/3 of a cup of yogurt? How wide is a rectangular strip of land with length 3/4 mi and area 1/2 square mi?*

Objectives and Validation

- Objective: Scholars will Multiply fractions
    Measure: Completion of exercise and later test

- Objective: Scholars will Dividing by a Fraction
    Measure: Completion of exercise and later test

- Objective: Scholars will learn about Water Shed

    Measure: Completion of activities and class discussion

In-class Graded Assignments

- **Chapter 1 81-82**
- **Chapter 2 83-87**
- **Chapter 3 88-90**
- **Chapter 4 90-97**

Homework Graded Assignments

- **Exercise 1&2 79-82**
- **Exercise 3&4 83-86**
- **Exercise 5&6 87-90**
- **Exercise 7&8 91-93**
- **Exercise 9&10 94-95**

Mini-Lesson Topics

Find a fraction of a fraction
Multiply fractions
Divide a proper fraction by a prober fraction
Dividing a Fraction by a Whole Number
Dividing by a Fraction
Divide a whole number by a unit fraction
Divide a fraction by a unit fraction
Divide a whole number by a proper fraction
Water Shed

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