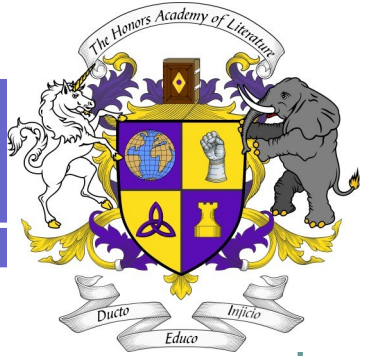# MS. DORA– MATH/SCIENCE

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?*

In-class Graded Assignments

- **Text 58-60**
- **Text 61-63**
- **Text 64-66**
- **Text 67-73**

Homework Graded Assignments

- **Exercise 3&4-52-55**
- **Exercise 5&6-56-59**
- **Exercise 7&8-60-63**
- **Extra Practice Packet**

Objectives and Validation

- Objective: Scholars will review comparing fractions and division of fractions

    Measure: Results of group quick vote
- Objective: Scholars will subtract and add unlike fractions

    Measure: Completion of exercise and later test
- Objective: Scholars will subtract and add fractions and mixed numbers

    Measure: Completion of exercise and later test
- Objective: Scholars will Multiply a fraction and a whole number

    Measure: Completion of exercise and later test
- Objective: Scholars will learn about Water Shed

    Measure: Completion of activities and class discussion

    Measure: Completion of exercise and later test

Mini-Lesson Topics

| Comparing Fractions |
| Factions and Division |
| Additions of Unlike Fractions |
| Subtraction of Unlike Fractions |
| Addition of Mixed Numbers |
| Subtraction of Mixed Numbers |
| Multiplying a Fraction and a Whole Number |
| Review |
| Water Shed |

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