

Math Foundations **Mastering Essential Math Skills**

Teacher: Mrs. Aimee Williams **Email:** aimeemessages@outlook.com

Course Description: Math Foundations will focus on getting down the basics of math from multiplication to fractions. This class is perfect for students who need a firm foundation to prepare them for success in upper-level math and will prepare them for Excel's Intermediate Math class. *Grade level is 4th - 5th, but this is a great class for those who might struggle with math at a higher grade level.* Each lesson is designed to flow smoothly and logically from one concept to the next with short, concise, and to-the-point assignments. No busy work. Lots of examples with step-by-step solutions, helpful hints, review, problem solving, and real life application.

Requirement: Students must have knowledge of elementary math skills such as, but not limited to, basic addition, basic subtraction, basic multiplication, and basic division. A placement test may be required.

The class will cover the following:

- Whole Numbers (addition, subtraction, multiplication, and division with smaller to larger numbers)
- Memorizing multiplication facts
- Memorizing division facts
- Fractions
- Decimals
- Ratios, Proportions, Percents
- Geometry
- Number theory & algebra
- Integers
- Charts & Graphs
- Probability & Statistics
- Word problems

In-class activities will include:

- Math Wheel drills for multiplication and division
- Review exercise from the previous week's lesson
- Introduction to new material
- Go over the weeks assignments
- Hands-on activities and Times Tales

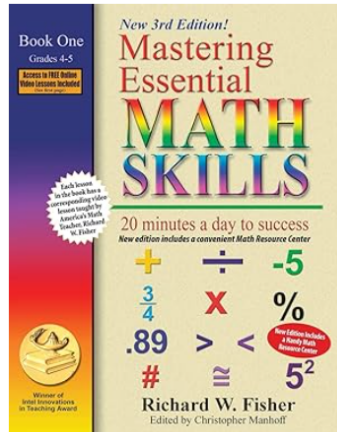
At home assignments will include:

- Three weekly math lessons
- Two weekly Math Wheel drills
- Parents will be responsible for grading weekly math lessons and Math Wheel drills. Students can then correct their work at home. Answers will be provided. More instructions will be provided in the syllabus.

Tuition: \$50.00 per month

Course Material required:

- *Mastering Essential Math Skills - Book One* - 3rd Edition, Author, Richard W. Fisher
ISBN-13 : 978-0999443378



Supplies:

- Three-ring hardcover binder - 1.5 inches
- One set of 5 tab dividers
- Notebook paper - Wide Ruled
- Pencils (NO PENS for Math)
- Computer and access to a printer

Teacher introduction:

Hello, my name is Aimee Williams and I am very excited to be a part of your child's education. I have a B.S. in Early Childhood Education and have taught in the public, private, and homeschool sectors. I believe children learn best when they are engaged in the learning process visually, auditorily, and kinesthetically. My style of teaching is to engage students in the subject matter, not just learning facts but gaining a love for learning. (Yes, even math.) The end goal is in growing the student to become an independent learner and to see how math reveals that God is a God of order and His order flows from His nature into all subjects.

I have been married to my husband, Gary, for 29 years and have three children whom I home educated from K-12th grade. My oldest son, Asher, teaches high school biology, my second son, Caleb, lives in Cambodia where he is serving with the Peace Corps teaching English, and my youngest daughter, Eden, is a sophomore at UCO studying Elementary Education. In my spare time, I love to read a good mystery!