

Many parents and students find teaching and learning post-elementary math extremely difficult and frustrating.

Investing an hour or so of your time reading this book, you will be amazed by what can be done today with 21st century technologies.

SPIKE Pedagogy is now possible. Proper Content is possible. Utilizing 21st Century tools such as the TI-30Xa Scientific Calculator and Wolfram Alpha will empower your 21st Century STEM student. STEM Math is now only a difficulty of 2 on a scale of 1 to 10 when compared to a difficulty of 8 before Wolfram Alpha.

In working with homeschool families since 2007, I have had numerous conversations with parents that all seem to end with the same statement, "We've tried everything and now I don't know what to do!" Dr. Hane addresses this situation immediately in the book's Introduction.

I have also dealt with families whose children are not being properly challenged, and these children will become our future engineers and scientists. Dr. Hane provides a path for such students, which is covered in Chapter 5.

"Golden Rule Math" is the name of this book because this is the way Dr. Hane would want math taught to him. That's where Dr. Hane, aka Dr. Del to his students, has become a saving grace with his Six Tier Online Math Program, which is explained in this book.

Here are just a few statements parents and students have shared with me:

- "I am just in shock!!! We went from such a hard, hard struggle with my son failing it all to finding this program and now he is acing it all!!!"
- "My daughter hated doing math but has really enjoyed your program."
- "I am enjoying taking math lessons from you. You teach things in simple ways that I can grasp."
- "My daughter is excited about math for the first time! Dr. Del explains it so well. Thankfully there are no more tears and frustration over math!!!"
- "I find it funny that before high school I planned to have nothing to do with math in my job, but now I will be specializing in it thanks to Dr. Del."

I have had the pleasure of working with Dr. Hane since 1999 as his editor and business partner. During this time, I have watched, and assisted, his passion to help math students get an optimal 21st Century math education grow from vision to fruition.

For many years, Dr. Hane recognized that our current math education was short-changing ALL of our students, not only those who were weak, but those who were strong as well.

He witnessed this first hand when teaching all four years of high school math at Western Reserve High School, Wakeman, Ohio, and all levels of college math at Indiana State University, and advanced STEM mathematics at Rose-Hulman Institute of Technology, and throughout many of his early years of teaching and tutoring.

Even then, he knew there was a systemic problem with our math education system.... It was stuck in the 20th century based on 17th, 18th and 19th century methods.

Many “education experts” acknowledge and recognize the problem, but very few propose an answer, much less how to go about achieving it. In this book, Dr. Hane will educate you on the issues math education faces, as well as provide a concrete answer to the problem with achievable results for all students.

Dr. Hane holds a Ph.D. in Algebraic Number Theory from Indiana University and has been teaching students of all ages for over 60 years. The problem really became evident to him when he was teaching skilled technicians in the workplace.

All the adults needed to know certain math concepts and the majority of them were lacking. After teaching them just the “math they needed to know,” many of them said, “This was easy... why didn’t they teach us like this in school?” Through this book, you will gain an understanding of what “math they need to know.”

By looking at math education through the lens of what the student’s goals in life are, this book will give you a deeper understanding of how math success can be achieved.

This book is only the first in a series that will address each student category in depth. I highly encourage you to explore math education through this book series.

As a parent or educator, you will gain an understanding of the issues, and most importantly, how you can make a difference in a child’s life through proper math education.

Our children are our future, and only you, as the adult in their lives, can steer them in the proper direction and most importantly, to a successful life.

Debbie Goodman  
President, Triad Math Inc.