

21st Century Math Education – Wow!

Dear Parent/Coach,

Over the years as we created the Six Tier Math Program which is revolutionarily different from what I call the Standard Math Curriculum, SMC, taught in virtually all schools and even online programs and Math Textbooks, I have been asked to explain why.

So, I wrote a book that could have been titled: *How and Why 21st Century Math Education is vastly superior to 20th Century Math Education.*

Since it was only available to Homeschool Educators I titled it: *How and Why Homeschool Math Education can be vastly superior to Public School Math Education.*

You may read or listen to this book at:

<https://homeschoolertoday.com/superior/>

In essence, both Pedagogy and Content have been radically improved thanks to 21st Century Technologies.

Wolfram Alpha (2009). Wolfram Language (2016), SupraComputer (2017), PoD Books via Amazon, Amazon Web Services (AWS), Moodle, Woo Commerce, and SPIKE Pedagogy, to name a few.

The cost of delivering this 21st Century Math Education is also an order of magnitude less expensive in several dimensions.

A good analogy would be a modern Smart Phone compared to an old Landline Phone. A Smart Phone is 1,000 times more useful is it not? And, orders of magnitude less expensive.

Another analogy, Scientific Calculators compared to Slide Rules and Log and Trig Tables. back in the 1970's forward.

Unfortunately, our Math Students today are still "victims" of the very difficult and ineffective old 20th Century Standard Math Curriculum.

DO NOT blame the Math Teachers. They are "victims" too.

The Math Ed Community has a multi-billion dollar investment in the current 20th Century Math Ed System that has evolved over the last 200 years.

Yes, some of the things still being taught are obsolete manual techniques 200 years old.

Example? Techniques of Integration to apply the Fundamental Theorem of Calculus which flunks many students out of STEM Math in Calculus 2, and required of all STEM majors.

Today, the incredible Math Tool *Wolfram Alpha* (2009) totally eliminates this horrible Barrier. I'll elaborate on it in future Messages to you.

Pre Calculus, Calculus, and Differential Equations are very easy to learn and apply. 100X easier than pre *Wolfram Alpha*

This is explained in my book in Chapter 10.

Of course, you must understand the first 9 Chapters too:)

Homeschoolers can lead the way to the revolution in Math Education. Eventually the mainstream schools will follow, or die.

Indeed, Even Parents whose students are going to a regular school can now homeschool their students on Math which will help them immensely. Easy, Fun, and Inexpensive.

Both the Pedagogy and Content will be revolutionized in the future in these schools, as it is today for Homeschoolers.

All current Math Textbooks from Algebra through Calculus are obsolete and worse than ineffective, not to mention very expensive.

Fortunately, Math Teachers can become Mentors and Coaches and themselves learn modern math the way students will be taught.

I applaud all Homeschool Parents and Teachers who are leading the way.

Onward to Success!

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P.S. You may find all of the Parent/Coach Messages as PDFs and Videos at: <https://www.triadmathinc.com/messages>