# Stories Dr. Hane can tell you!

#### Current Public School Math "Facts of Life".

How most students feel in a math classroom class.

Fear and frustration. Lack of Self Confidence and Esteem.

Lost Opportunities Weak Economy Weak Society

### Dr. Hane stories starting with Pearl Harbor

How and Why I loved and excelled in Math through the 8th Grade (1950)

Horrible! How I 'flunked' Algebra 1 in the 9<sup>th</sup> Grade (Mr. Hardman)

Wonderful! Why I loved Geometry and did well in the 10<sup>th</sup> Grade (Miss O'Hair)

Ugh! Again! BIG Math Ed Problem 'flunked' Algebra 2 in the 11th Grade

"No College for You" said the Counselor and Principal at GHS.

The Fearless Freddie U. Story. (First Tutoring Experience.)

A Miracle? College Algebra at DePauw University in the 12<sup>th</sup> Grade (Dr. Gass)

My First Classroom Teaching Experience (Trig Identities - Socratic Technique)

Off to the #1 Liberal Arts College in the USA (Oberlin 1956))

### The Evolution of a Solution to the Math Ed Problem

Tutor and SPIKE Pedagogy at Oberlin

Math Applications Hardest courses - Poker - Bridge

My Wonderful, yet Frustrating, experiences at Western Reserve High School

Wow! Failure to Success! DePauw Professor of Modern Math

## **Amazing 21<sup>st</sup> Century Billion Dollar Technologies**

Amazon Web Services (AWS) and Amazon Print on Demand (ApoD)

WordPress, Moodle, Internet, Wolfram Alpha, SupraComputer, Zoom, Learning Management System, Forum, Smart Phone, Etc.

### Identifying the "Math Education Problem"

The Classroom's Unsolvable Problem, for both Teachers & Students.

Theoretical Math and Student's Psychology

**Math Tools and Student's Future Success** 

The Horrible Bell Curve.

More Dr. Hane's Life Stories: How the Curve got me fired from the Math Ed Dept of ISU. And Business Applications Hoosier Auto Parts to Triad Math

### 21<sup>st</sup> Century Solution to Math Education

- I. SPIKE Pedagogy a Critical Ingredient
- II. Proper Math Content. A Six Tiers Online Math Program
- III. Master a Scientific Calculator
- IV. A Practical Math Foundation for All Math Students in One Semester
- V. College Prep and Consumer Math
- VI. Amazing 21<sup>st</sup> Century Math Tool, Wolfram Alpha.

Easy Peasy Now 2 on a Difficulty Scale down from 8 or 9

VII. STEM Math - PreCalculus Subjects

VIII. STEM Math - Differential & Integral Calculus

IX. STEM Math - Differential Equations

### The Future of Math Education in the USA.

BAD NEWS! Public Schools will be very slow to change. Money Honey?

GOOD NEWS! Any Student can now learn and enjoy Math at Home very inexpensively, and Indeed at No Cost with a easy and fun Work Study Program

All of this, and more, is covered in Dr. Craig Hane's new Book:

"How and Why Public School Math is Destroying the USA"

Only \$4.80 at Amazon or Free at: <a href="https://www.craighane.com/book">www.craighane.com/book</a>