What Craig Hane, Ph.D. aka Dr. Del, and Triad Math Inc. can do for middle and high school math students.

1. College Bound STEM students. I can help those students who are aspiring to studying engineering or science in college or university become better prepared. I would teach them special topics from precalculus such as complex numbers and non-linear asymptotic behavior, and calculus and differential equations, including how to use modern tools like Mathematica's Wolfram Alpha, that would be of great value when they matriculate to schools like MIT, Cal Tech, Purdue, or Rose Hulman.

2. Future Mathematicians. I can help that rare student who might be contemplating becoming a professional mathematician by teaching her or him many things discussed in Tiers 7 thru 10, in my book, "Teaching Mathematics". These are topics too theorectcal and inappropriate for science or engineering students, and topics never taught in any high school courses, yet are vital for an aspiring mathematician to be internationally competitive.

3. Struggling or "Failing" Math Students. Perhaps most importantly, Triad Math can help a high school "rescue" many of its students who are struggling or failing with their current math studies. For a very small fraction of what it would cost for most remediation programs we can convert many math "failures" into math "successes" and equip them with the math skills and knowledge so valuable, and necessary, in many of today's non-professional technical fields.

Here is how this can happen.

Many students who are not succeeding with the Standard Math Curriculum (SMC) can and will succeed with Dr. Del's approach to mathematics which starts with the Practical Math Foundation (PMF), which includes with the "Learn Math in 30 Hours" program.

The PMF starts by first teaching the student how to use their first power tool of math, a scientific calculator, the TI 30XA. This often has an amazing effect on the student's psychology and attitude towards math, and her/his ability to learn math.

Then the PMF teaches the student the topics from pre-algebra, algebra, geometry, and trigonometry s/he will find valuable and useful in any technical field, and be well prepared to enter and study a non-professional technical field.

There are many unfilled high paying technical jobs today where lack of mathematics knowledge and skills is the primary barrier for many adults.

The PMF does not, however, contain much of the math material (topics) covered in the conventional SMC courses which is often causing the students to "fail". These topics are premature for any beginner, and irrelevant for non-STEM career path students.

The PMF meets the Five Essential Ingredients, SPIKE, of a successful mathematics educational experience. The PMF is self-paced and interactive with individualized feedback.

Most students can complete this PMF program in one semester, and certainly less than a year, even with some supplementary materials to help them perform better on some standardized tests, like the ECA.

After the PMF, those students who are college bound and interested in a STEM career path may learn more math in Tiers 3 thru 6, which include advanced precalculus, complex numbers, spreadsheets, Mathematica, calculus, and differential equations.

Future mathematicians will learn much more theoretical math in Tiers 7 thru 10. See my book, "Teaching Math", for a detailed description.

But, IT ALL BEGINS, for any post-elementary student of any age, with "Learn Math in 30 Hours". This will get any student's psychology corrected by creating confidence and interest in math. Math will be fun, and not threatening or fear inducing.

Then each student will be able to progress to whatever level s/he desires and has interests in.

A great mathematics education, just like a great building, must rest on a great foundation.