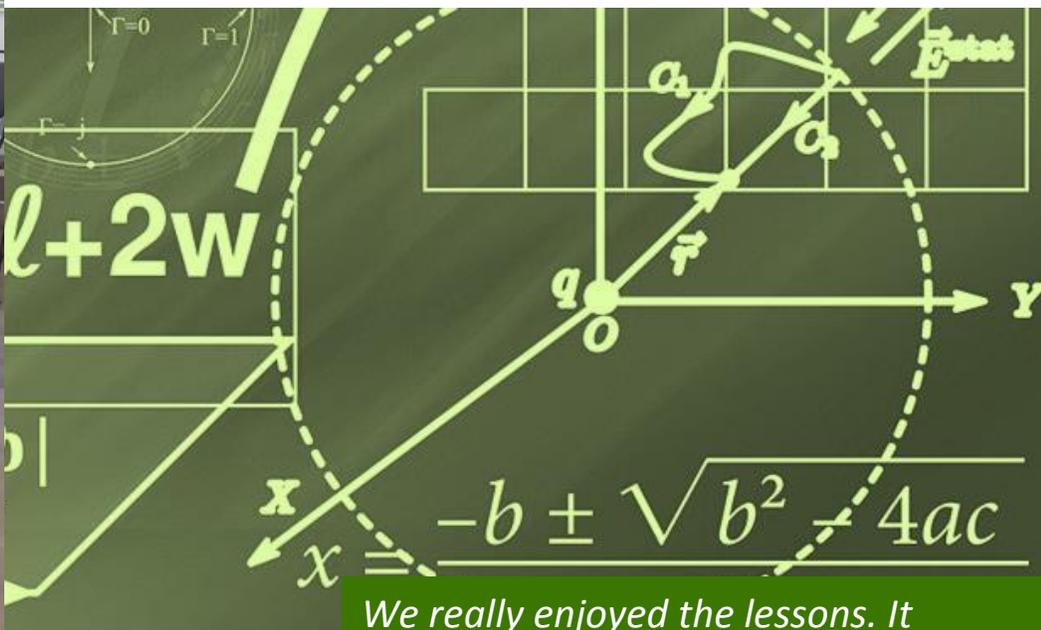


## Inspiring hard to reach youngsters with STEM Training

### *See how Community Access Center, Inc. rebuilds a robust STEM program from the ground up*

In 2018 The U.S. Department of Education published a federal strategy for STEM education (Science, Technology, Engineering and Math), with a vision to ensure that the United States becomes the global leader in STEM literacy, innovation and employment. The nation is committed to a future where everyone has the ability to understand and solve some of the most complex challenges the world is facing now and in the future. To achieve this aspiration the strategy identifies that providing access to high quality STEM education for young people across America, regardless of their backgrounds, is going to be essential.



*We really enjoyed the lessons. It was great to see the kids fully engaged."*

### Our Solution

**Our STEM Division, My Science Wiz, at NotJustMath Tutoring Center works with schools and other education providers to provide comprehensive resources to children and teachers to engage young people and excite and inspire them about careers in STEM.**

Amongst the organisations we are working with, we operate as an added-value partner supporting the Community Access Center, Inc. who is operating an after-school program designed to provide at-risk kids with the support they need to do well in school. Through this partnership we are supporting approximately 30 middle school children from 6<sup>th</sup> to 8<sup>th</sup> grade with challenging backgrounds.

Many of the children struggle to achieve at school and there are behavioral concerns for most, who also have lower than average attention spans. This presents some additional difficulties when it comes to teaching complex subjects.

In schools STEM subjects are often taught by science teachers rather than engineers or scientists and as a subject area it is both broad and, in terms of curriculum-based methods, unhelpfully fragmented into different topics rather than presented as a cohesive whole. Educational efforts are also often hindered by STEM education products which are ineffective but purchased with the best of intentions.



## Our Approach to Delivery

Our methods are different! Working with STEM experts including former Disney Engineer, Coach Duncan and Dr. Penny, Ph.D from U.C. Berkeley, we bring the subject to life with real world examples, real-life problem solving and a collaborative and participative environment which excites and enthuses.

We talk about big challenges facing the world, such as energy production and consumption. Content is supported with interactive experiments to help students understand complex concepts such as potential and kinetic energy.

## The Results

Pupils leave our sessions wanting more. Everyone, including the teachers, wanted to know when the next sessions would be available. The staff involved really valued the fact that every student left with their own step-by-step, highly visual instructions.

The child appropriate materials which encouraged independent learning through play and led a child successfully through each project were highly successful and the classroom environment worked well. This is especially important given the large group of students and limitations to providing individualized attention.

*“The projects actually WORK...even for large groups where individualized attention is not possible.”*

Women’s Society of the IEEE

## About Us

At NotJustMath Tutoring Center, we’re just like you: we want to provide our children and grandchildren with the best future possible. We’re a dedicated team of professionals, working hard to provide our teachers and students with the knowledge and guidance they need to succeed and which they cannot find anywhere else. As the nation’s leading STEM education solutions partner for K-12, NotJustMath is dedicated to helping teachers and students to develop and enhance STEM learning.

For our young people to embrace STEM, organizations like the Community Access Center have a critical role to play to achieve this aspiration. That’s why every solution we develop, from our teacher’s guides to our students’ books and materials, is all designed to empower the achievement necessary to make a STEM Future accessible for these young boys and girls.

**To learn more about NotJustMath-My Science Wiz' STEM Education Solutions for K-12, please visit [www.mysciencewiz.com](http://www.mysciencewiz.com) or contact [info@NotJustMathTutoring.com](mailto:info@NotJustMathTutoring.com).**

