

# STREAM Course and Engineering Training: Teachers & Grade K-12

*"I can't think of a better opportunity to provide students a real STEM experience."*  
 - STEM Teacher, Florida

*"Teachers can easily absorb this material and deliver it with passion."*  
 - Former CMO, IBM, New York

*"Engineering is the key. STEMgeo ensures that students understand how the disciplines are connected and how to use them in a real engineering project."*  
 - NASA Consultant, Maryland

*"The course initiates with music and sound waves which is a great way to get both teachers and students involved in the course from the start."*  
 - V.P. Fortune 500 Company

*"This approach fills a deep gap in traditional education today."*  
 - Education Philanthropist

*"I don't see any STEM for Special Needs on the market today. This engineering approach is truly a leader."*  
 - Executive, Dept. of Education

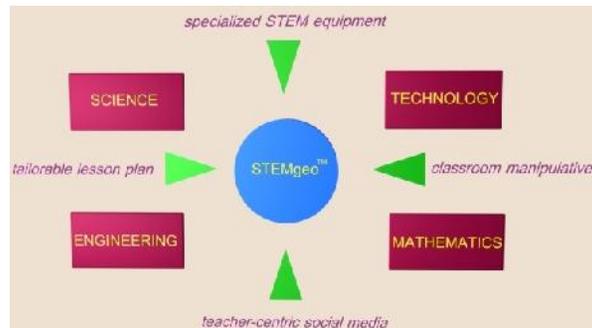
## STEMgeo™

Not just a course, but also an in-class lab that you can revisit throughout the year.

STEMgeo is raising the level of your school's STEM offering significantly to prepare children for tomorrow's technology-driven marketplace

### The Challenge:

1. Relevancy of STEM topics is not absorbed by students and teachers need new ways to demonstrate that STEM empowers students to discover, create, and solve problems using applied science and engineering.
2. There are no in-class engineering lifecycle lessons or practical projects snapped on to existing curriculum
3. There is no integration between STEM disciplines
4. There is no consolidated place to seek STEM materials, connect with other teachers, and create a relevant program to fit specific schools
5. Kids lose interest in science at middle school having had no engineering exposure resulting in decreasing applicants to college for engineering degrees
6. STEM is a national problem affecting stakeholders at corporations, government, universities, school districts, and job-seekers



### STEM is now a Requirement:

STEMgeo is solving the problem with in-class programs as reported by longitudinal studies demonstrating that hands-on STEM tools create dramatic improvements in students with special needs.

- In-class hands-on tools to ignite interest and relate to practical scenarios
- Easy to relate for kids and teachers
- Unique demonstrations and interactive technology
- An introduction to the engineering process, projects, and career exposure
- A place for teachers to discuss their achievements and challenges privately

### Six unique benefits raise scores.

1. First of its Kind to integrate science, technology, engineering, and math in every unit of the course plus an engineering project



2. Innovative in-class equipment including our patented spectrum analyzer system and patented vibrating earphones



3. Hands-on tools for students and teachers for mathematical concepts



4. Teacher Training and Social Media for Teachers via a STEM Collaboration Network



- Inclusion of relevant, practical careers that can be “jumping off points” to for leaders, parents, and students for field trips or online



- STREAM includes Reading and Arts (Language Arts and Fine Arts) requiring problem statement/graphic/solution; graphically sketching challenges and solutions; and external reading opportunities.

Our new robotics kit options proven to work for eight levels of expertise. Choose from pre-K, elementary levels, middle school, or high school.



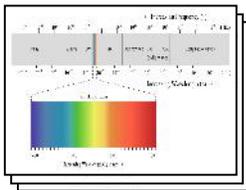
***It's All About Outcomes***



We cater to students, leaders, and parents of every profile from general to gifted, special needs to underserved. We use STEM to ignite a lifelong passion generating career interest and focus.

***Package: Music, Sound & Light Waves & Engineering Training***

Full lab setup, step-by-step lesson guide, administrator's guidelines, flash cards, posters, math manipulatives, engineering projects, and choice of robot kits.



*Ask about our special needs program!*

With students, every day is an opportunity gained...or lost.

Email us today!

Email us at:

[info@stemgeo.com](mailto:info@stemgeo.com)  
[www.stemgeo.com](http://www.stemgeo.com)

## Industry STREAM that Drives Enduring Passion



**The STEMgeo Program is designed to create a lifelong passion for Engineering and Technical Topics and Careers while raising Performance in General and Special Students**

Focusing on Integrated STREAM with real “Engineering Training” from Industry

**STEMgeo™**



look how they shine