

“The STEMgeo approach will finally “move the needle” – National STEM Leader

Lifting | Students with Special Needs and in Underserved Communities

What is STEMgeo? An Opportunity to use Industry Experts to Inspire Children Beyond their Dreams!

Longitudinal studies have demonstrated that “hands-on STEM tools” improve student performance in all school subjects in general, underserved, and special needs.



The STEM Movement Goals

The goals are to increase the industry talent pool through improved student performance in Math and Science. What is the benefit to a school obtaining an industry-developed STREAM program? If our mission is to lift these children to their greatest potential, the STEMgeo program will be an important element in your STEM strategy:

1. Inspire children to boost interest in math & science,
2. Gain of interest in school subjects and scores, and
3. Passion for engineering & technical careers.



STEMgeo is an industry-created program that inspires ALL children to reach for engineering and technical careers

A formula for your success in a STEM program

Hands-On STEM Tools per SOL Topic
Industry Career Connections
Integrated STEM Disciplines
Differentiated Learning
Systems and Software Engineering Training
Language Arts, Fine Arts, & Reading Integration
Robotics Challenges with Kits
NASA, IBM, and Innovation Engineers

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Inspiration for STEM careers & school subjects

STEMgeo Program Components

1. Teacher Training Workshop: Two-days on-site

“The What and Why of STEM” delivered to all teachers in a school, not just those in math and science.



2. Student STEM: Engineering Training
Units cover the STEM of Music & Sound, STEM of Light, Career Connections, and the Systems and Software Development Lifecycles, Class Project.



3. New Robotics Kit Challenges

Multiple levels of robotics capability in a number of increasingly challenging assembly projects in practical industry challenges.

Additionally, our experienced STEM-industry experts in NASA, IBM, and entrepreneurial projects will speak with your students with interesting and inspirational stories.

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STEMgeo™



look how they shine