

STEM Education LLC
makes learning fun!



STEM Education, LLC provides leadership, support, and resources to schools that will allow for the design and implementation of an effective STEM program.

STEM Education, LLC will achieve this mission through the implementation of five goals:

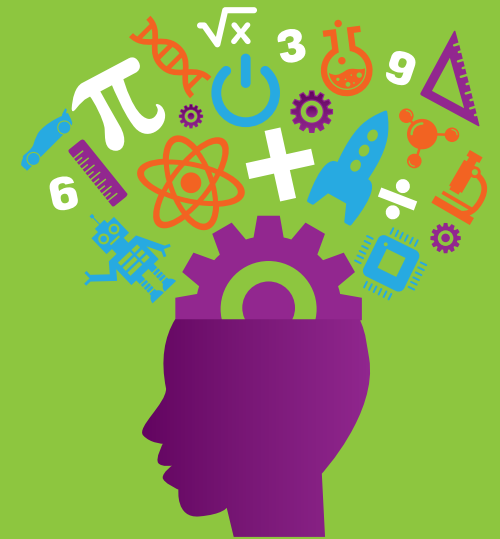
1. Develop STEM standards of practice, lessons, learning units that are project based and are aligned to each individual school.
2. Implement professional development for teachers in STEM education.
3. Provide STEM curriculum and project based learning units.
4. Provide the robotic hardware for the project based lessons.
5. Research STEM grant and e-resources for STEM opportunities for individual schools.

Credentials:

- ~ Dr. Kevin K. Robinson, Ph.D.: Principal/Director of Mathematics and Science
- ~ Gerard T. Norcia, M.A.: Principal/Director of Career and Technical Education
- ~ James Murduca, M.A.: Supervisor/Professor of Mathematics and Education



CALL NOW:
201.213.1832
732.599.1913
 or go online to
STEMeducationllc.com
 for more information.



stem
 EDUCATION, LLC





Prepare students for
the careers of tomorrow.



STEM Education, LLC provides students with the most comprehensive **science, technology, engineering, and math** education through problem-based STEM activities.

Students will be challenged with proven activities that allow them to apply mathematics and science to the real world. While students are engaged in applied mathematics and science, they are exposed to **Project Based Learning** activities. Students compete in groups using pre-designed activities that promote teamwork and a sense of accomplishment at the end of each program.

STEM Education, LLC enables children to work as young scientists, engineers, and designers providing them with settings, tools and tasks that promote design technology, science and mathematics. Children are encouraged to involve themselves in **real world investigations and problem - solving**. They make assumptions and predictions. They design and make models and then observe the behavior of these models. They reflect and redesign, and then record and present their findings.

STEM Education LLC provides students with the opportunity to engage in activities that are aligned with the **Common Core State Standards (CCSS)** and the newly adopted **Next Generation Science Standards (NGSS)**. All programs combine inquiry based learning with the CCSS eight mathematical practice. Students are engaged and having fun while they are increasing their skills and knowledge in science, technology, engineering, and mathematics



with competitive activities embedded in this program of study.

STEM Education, LLC will tailor its program to meet the needs of your students. The extensive curriculum's project based units can be **adapted for weekly, summer or semester programs**. Saturday morning, after school enrichment or evening family STEM programs are also available. All programs are facilitated by certified instructors. STEM Education LLC makes problem solving FUN!



STEM Education, LLC provides leadership, support and resources to schools for the design and implementation of an effective STEM program. We offer services to public, private and charter schools in grades Pre-K-12.

Services include:

- ~ STEM curriculum, interactive lesson plans and PBL units
- ~ Professional development for teachers
- ~ Providing hardware and materials
- ~ After school enrichment programs
- ~ Summer camps
- ~ Grant opportunities
- ~ Family Workshops

STEM Education LLC curriculum is aligned with the CCSS and PARCC standards. Sample Activities include:



Race car design



Legos construction and robotics



Rocketry design and analysis



Robotics



STEM Competitions

STEM Education LLC provides curriculum and project-based lesson plans for race car design, legos construction and robotics and rocketry analysis. We are certified professional development STEM trainers with pre and post testing analysis of STEM students.

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