

# INNOVATE



A STEM School prepares students to be leaders in global innovation by engaging them in rigorous, relevant, and integrated learning experiences, with a science, technology, engineering, and mathematics focus.

Let our experts help you use best practices to design and build a STEM school from the ground up.



## OUR OFFERINGS

The following services are included:

### » LAND IDENTIFICATION

It is of vital importance that a STEM school be built in a location conducive for active learning. We strategically identify locations near technology parks with industry connections. Our expert team of land surveyors and demographers work with local municipalities and the State administration to secure the best deal.

### » SCHOOL INFRASTRUCTURE AND LAB DESIGN

Creating a space that fosters learning is crucial to the creativity and focus of students. STEMCOE works hand in hand with our clients to design class and lab rooms that are engaging and optimal for experiential learning.

### » TEACHER RECRUITMENT AND TRAINING

Teachers are the core of STEM education. STEMCOE utilizes the 3Cs (Customize, Create and Challenge) to create a learning environment which enables teachers to challenge students. We work conjointly with our teaching professionals to build lesson plans around their considerations including customized topics and STEM modules.

### » CURRICULUM

STEMCOE's cutting-edge curriculum is an interdisciplinary resource designed to enhance core curriculum and bring STEM to life in the classroom. Our powerful 4Cs framework (Communication, Collaboration, Creativity and Critical Thinking) uses relatable scenarios that connect students to real world challenges. With each unit, students gain valuable critical-thinking and solution seeking skills for life.

### » MARKETING TO FAMILIES TO SEEK STUDENT ENROLLMENT

STEMCOE works within your community to educate families about STEM and attract attention to the school. We work hand-in-hand with our partners to create and disseminate materials relevant to the community.

### » STEMCOE CERTIFICATIONS

STEMCOE's standards and indicators clearly define the qualities and components vital to creating and sustaining superior, student-centered STEM teaching and learning programs, as well as clear expectations for student outcomes and mastery of 21st century skills. Through valid and reliable processes, tools and training, STEMCOE's Certifications ensure that even the most effective educators and programs are continually assessed and improved to meet the needs and demands of the real world.

### » ONGOING SUPPORT AND TRAINING

Through our educational partners, we offer 24/7 support as well as valuable resources to our clients. Teaching professionals may continually engage us with questions and comments. Additionally, STEMCOE offers regular trainings throughout the year.

