

PITSCO Education

STEM Professional Development



Providing meaningful STEM professional development for Grades K-10

What makes our professional development different?

Pitsco Education is a leading provider of hands-on STEM products, curriculum, and professional development services to school districts throughout the United States and around the world. At Pitsco Education, we provide in-depth professional development that enables educators to learn more effectively by engaging in the same activities their students will experience in their classrooms. Sessions during the professional development seminar focus directly on the STEM connections that teachers will lead their students through. In the seminar, teachers experience a blend of pedagogy and hands-on application that builds their confidence in delivering powerful STEM activities to their students. Our goal is simply to make every teacher better.

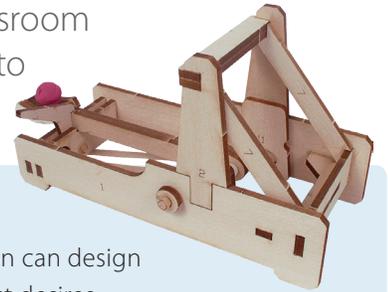
Why should you select Pitsco Education's professional development program?

Working closely with you, Pitsco Education develops tailored professional development that meets the specific needs and the unique challenges of your students and school. Highly skilled and experienced Pitsco facilitators conduct hands-on STEM workshops that include group development activities and a variety of proven practical classroom applications.

If you're looking for professional development that will prepare and motivate your educators, and ultimately your students, then it's time to put the power of Pitsco Education to work for you today.



Pitsco Education's comprehensive professional development includes classroom resources, STEM content, and instructional methods designed exclusively to provide the most positive and productive learning experience possible.



What does our professional development look like?

- Seminars can span either a half or full day.
- Teachers are grouped by grade ranges.
- Seminar sessions are specific to grade ranges.
- Seminar sessions are 60 minutes in length.
- One STEM topic is covered per session room.
- By utilizing multiple rooms, more than one STEM topic can be offered simultaneously.

As a teacher, what do I take away from the seminar?

- A better understanding of STEM
- How to teach STEM concepts to students
- Group discussion with other teachers
- Practical applications that transfer directly to the classroom
- Product that is ready to use with students



Seminar Sessions

Through a consultation process, Pitsco Education can design seminars around the STEM concepts your district desires.

Elementary

Grades K-2

- Large Structures

Grades K-5

- Paper Engineering
- STEM in the Gym™
- Straw Rockets
- Everyday STEM: Highlighting the T & E in STEM
- Everyday STEM: Using the Design Process
- Everyday STEM: Structures Found in Everyday Lessons
- Everyday STEM: Tools – Making Connections with Everyday Lessons
- Everyday STEM: Materials – Making Connections with Everyday Lessons

Grades 3-5

- AP (Air-Powered) Mini Dragsters
- Fold-N-Roll Racers
- Maglev Vehicles
- Straw Structures
- SunEzoon

Secondary

All sessions appropriate for Grades 6-10

- AP (Air-Powered) Mini Dragsters
- Catapults
- Hot-Air Balloons
- KaZoon Kites
- Maglev Vehicles
- Mousetrap Vehicles
- Packaging Design
- Parachutes
- Straw Rockets
- Straw Structures
- SunEzoon
- T-Bot® II
- Trebuchets
- Truss Design
- Water Rockets
- Wind Energy