



2017 Technology & Engineering Showcase

Ohio State Fair – Youth Center

Wednesday, July 26 – Sunday, August 6, 2017

Reaching for Excellence in Technology, Innovation, Design, Engineering, and STEM

The OTEEA Technology and Engineering Showcase provides youth, their parents, educators and other Fair visitors a variety of unique opportunities to engage in hands-on technology activities, demonstrations and to view exhibits of elementary, middle and high school students' technical design problem solving projects.

Technological literacy experiences are also promoted by showcasing a variety of technical societies and organizations sponsoring competitions and events through in-school, after-school, and home school activities for all students in grades K-12. Business, industry, labor and university engineering education program representatives contribute by providing additional information and daily activities linked to real world technology applications and careers.

The big ideas in learning through Technology, Innovation, Design, Engineering, and STEM focus on:

- Engineering through design improves life
- Technology and engineering have affected, and continue to affect everyday life
- Technology drives invention and innovation through a thinking and doing process
- Technologies are combined to make technological systems
- Technology creates issues that change the way people live and interact
- Technology impacts society and must be assessed to determine if it is good or bad
- Technology and engineering are the basis for improving on the past and creating the future
- Technology and engineering use inquiry, design and systems thinking to produce solutions
- Technology and engineering solve problems

The Ohio Technology and Engineering Educators Association also seeks to provide Ohio educators with ideas and materials to take back to their classrooms, as well as ideas for parents to take back to their children's schools and school districts. The Technology Education area invites participation by K-12 technology education teachers, and partnerships with business & industry and technology organizations in support of the 2017 goals of the Technology and Engineering Showcase exhibit in the Youth Center at the Ohio State Fair.

Technology and Engineering Showcase visitors (youth and adults) will:

- Experience technology and see how it works
- Better understand standards-based technology education programs
- Have opportunities for student/school awards recognition
- Have hands-on experiences with designing and building

- Encourage support of local district technology education programs
- Participate in and promote technological literacy competitions and events

Activities planned for teachers and mentors include elementary STEM resources, daily demonstrations of technology competitions, technology of industry experiences, a VEX Robotics qualifying event, a Soap Box Derby event, design projects and the opportunity to get answers to your individual questions.

For additional information about the 2017 OTEEA Showcase click here www.oteea.org/joomla/.

Other association information sources: Twitter: [@OhioSTEM](https://twitter.com/OhioSTEM) Facebook: <https://www.facebook.com/OTEEA/>

As you are interested in participating or contributing to the showcase please contact:

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