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 formal in-school and after-school activities for all students in grades K-12. Business, industry, labor and university engineering education program representatives contribute by providing additional information and 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 technological literacy organizations in support of the 2014 goals of the Technology and Engineering showcase exhibit in the Youth Center at the Ohio State Fair:
- Better understanding of standards-based technology education programs
  - Expand opportunities student/school awards recognition
    - Provide more hands-on experiences for youth and adults
      - Encourage support of local district technology education programs
        - Promote technological literacy competitions and events

Additional activities planned for teachers and mentors include elementary STEM at the Fair Workshop, VEX Robotics workshop, orientation meetings for Soap Box Derby and Invention Convention mentors, and a VEX Robotics qualifying event.

For additional information about the 2014 OTEEA showcase click here www.oteea.org/joomla/.

You may contact the following director if you are interested in participating or contributing to the showcase:

Dick Dieffenderfer, Director
Technology and Engineering Showcase
Ohio Technology and Engineering Educators Association
1288 Pepperell Drive
Columbus, Ohio 43235
614 457 9639
radieffenderfer@aol.com

Affiliated with the International Technology & Engineering Educators Association