1. What is the Sci-TEC Youth Showcase?

The Sci-TEC Youth Showcase is a community celebration highlighting innovative and exceptional STEM (science, technology, engineering, and math) formal and informal educational projects in Allen County. The 2009 inaugural showcase will be part of the Remnant Trust events offered by IPFW.

2. Why offer this celebration?

Teachers and students work each year within their own school systems to achieve curriculum objectives or complete outreach goals. The Showcase provides a venue for Allen County school systems to present selected, sample projects in the STEM disciplines. The Showcase also brings together awarded students and teams involved in IPFW K-12 Outreach* who typically do not see each other’s projects.

3. What will happen at the Showcase?

Educators and students will:

- Share their ideas by displaying the end products of their work or the process they followed on a class project. Our goal is to encourage students and teachers to share their individual and collective best ideas from the past school year.
- Learn from one another by visiting displays, watching main stage presentations, asking participants questions, and discovering how educational ideas were translated into projects that had a successful impact on the lives of students.
- Inspire one another to continue the pursuit of excellence in the STEM disciplines.
- Honor the teachers, volunteers, and sponsors who have made a difference in outreach.

4. Who will be invited to participate at the Sci-TEC Youth Showcase?

Educators representing Allen County schools will be selected from nominations to share their innovative project idea or successes in project-based learning from the current school year. The students will be invited to demonstrate/display/present their project along with the teacher. IPFW K-12 Outreach individual and teams will be asked to demonstrate and display their awarded projects and all outreach schools and participants will be recognized. Volunteers and sponsors will be identified at the event. These include: educators, mentors, community professionals, university faculty and students and area businesses. Parents and the general public will be invited.

5. What will an observer see at the Showcase?

- Demonstrations and/or Media Presentations on the Ballroom Main Stage rotating each half hour
- Table displays of student projects for your review rotating each hour
- Sci-TEC Poster Gallery focused on the theme of Sci-TEC: Historical Quest displayed around the parameter of the Ballroom and on easels in the hallway
- IPFW K-12 Outreach awarded projects demonstrated and displayed
- NISTEM (Northeast Indiana Science, Technology, Engineering, and Math) Resource Booths
- Guest Open House Reception for teachers with projects on display and for K-12 Outreach sponsors

6. How will the nomination and selection of projects be handled?

Details regarding the nomination process will be sent to Allen County principals and sent electronically from your school corporation representatives. In addition, all documents regarding the guidelines and nomination project will be accessible at the IPFW College of Engineering, Technology, and Computer Science home page under K-12 Outreach: www.etcs.ipfw.edu

*IPFW K-12 Outreach activities include competitions promoting STEM learning and include: Indiana Championship FIRST Lego League, Indiana Regional Future City, NE Regional Science & Engineering Fair, Mathcounts, Regional Science Olympiad, Engineer’s Week Bridge Building Contest, Career Days and the IPFW Exploration Camps