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 2010 showcase is the second year for this event. In 2009, the inaugural year, there were 125 participants and 23 Allen County schools represented.

2. Why offer this celebration?

The Showcase provides a venue for Allen County teachers and students from different school corporations who typically do not see each other’s work to present selected, sample projects in the STEM disciplines and share resources/ideas. 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. Participants will be asked to share with other Showcase participants and visitors project resources and answer questions about the process they used to successfully accomplish their goals.
- 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 those educators and volunteers 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 applications 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 individuals 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, area businesses, university faculty and students. Parents and the general public will be invited.

5. How does the Showcase work?

- Demonstrations and/or Media Presentations on the Ballroom Main Stage rotating each half hour
- Table displays of projects for your review
- Sci-TEC Poster Gallery focused on a yearly theme displayed around the parameter of the Ballroom
- IPFW K-12 STEM Outreach awarded projects demonstrated and displayed

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

Application forms 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