



KEEN: Igniting a Spark for Future Engineers

Kyle McMahan, KEEN Statewide Coordinator



What is KEEN?

Kentucky Engineering Exposure Network (KEEN)

- Created in 1990 to improve the presentation and speaking skills of KYTC employees
- Designed to introduce youth to the world of engineering in a fun and creative way
 - Variety of age-specific presentations and activities for K-12
- Managed and guided by a board of 12
 - KEEN Coordinators located in Central Office and each Highway District



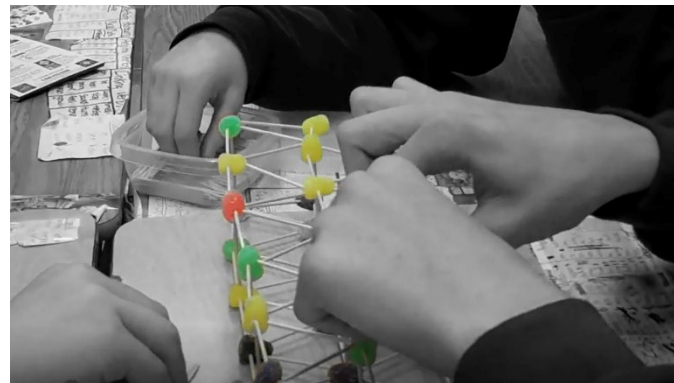
What Does KEEN do?

Community Outreach

- Partnership with schools and youth organizations to provide classes and activities in the STEM field
- Participation at high school and college career fairs
- Promotion of KYTC educational programs:
 - Civil Engineering Scholarship
 - Civil Engineering Technology Scholarship
 - Minority Internship Program
 - Transportation Mechanic Apprenticeship Program



Grade School Presentation Creations



What is KEEN's Vision?

- Inject new excitement to KEEN
- Increase the number of presentations in the schools
- Create more awareness of the scholarship programs
- Develop new class content and recruitment opportunities



What is KEEN's Vision?

- Provide innovation for new tools such as online engineer games and video library
- Launch a statewide bridge-building competition to stimulate engagement
- Coordinate engineer clubs for interaction
- Increase program marketing
 - Videos, social media, webinars



How Can You Help?

- Facilitate a presentation
 - Contact your District's KEEN Coordinator
 - Contact Form is at the conference
- Collaborate to create new presentations
- Spread the word





**Help us ignite the
engineering spark
in children**



QUESTIONS?



THE KENTUCKY TRANSPORTATION CABINET

CONTACT INFORMATION

Kyle McMahon, EIT II
KYTC District 6 Design
KEEN Statewide Coordinator
421 Buttermilk Pike
Covington, KY 41017

(502) 564-5966
kyle.mcmahon@ky.gov