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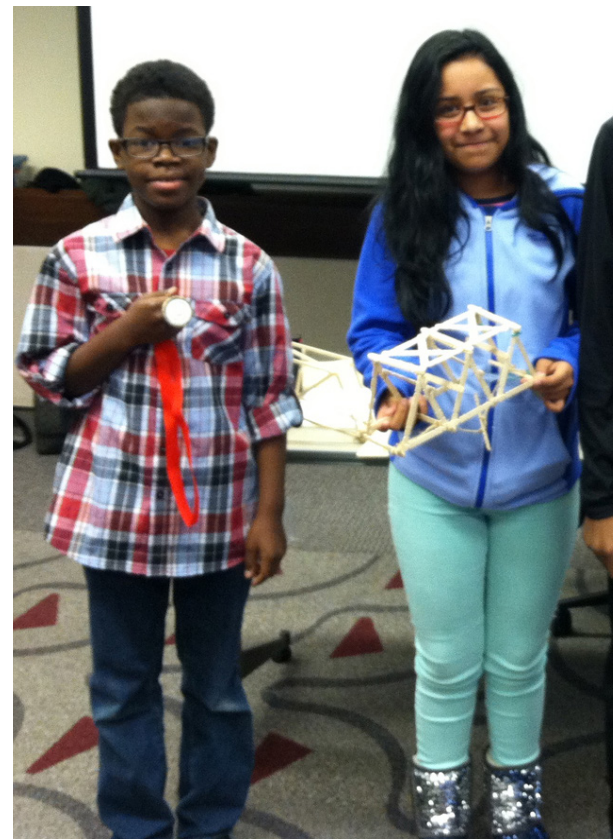
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MEPI

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MEPI

MINORITY ENGINEERING
PROGRAM OF INDIANAPOLIS

www.mepi.org

VISION

Since its beginning in 1986, MEPI's goal has been to expose minority students to STEM-related career opportunities, at an early age.

MISSION

We encourage students in grades 6 to 12 to excel in their studies, with a special emphasis on math, science, and English.

Our concentrated programs provide a solid foundation for minority students who plan to enter into fields related to engineering or information technology.

Our hope is that these students will eventually expand the pool of experienced candidates for Indianapolis corporations.



One of the strengths of our program is the quality of mentors that are involved. Our mentors are current or former industry professionals who develop close relationships with the students they work with. These relationships are key to students' success.

Each grade level meets monthly during the school year, on a Saturday morning. Meeting formats vary but generally include an emphasis on academic achievement, hands-on pre-engineering projects, field trips to colleges, industry, and other places of interest, and oral presentation skills.

Program Focus by Grade

Grade 6 // Introduction & Low Level Exposure

Assembly of FM radio, robot, chemistry experiments, launching built rockets

Grade 7 // Discipline Exposure

Build battery operated car, bridges from various materials, intro to Ohm's Law

Grade 8 // Industrial and Manufacturing Engineering

Teams program and build LEGO robots and create a business plan to market product

Grade 9 // Mechanical Engineering & Science Fair Project

Introduction to mechanical engineering applications

Grade 10 // Information Technology

Assembling LAN's, developing Visual Basic databases and web development

Grade 11 // Aerospace Engineering and College Prep

SAT test preparation, financial aid search, college visits, aerospace design, and field trip to Rose Hulman

Grade 12 // Career Prep & Internships

Resume writing, interviewing skills, NSBE conference, internship applications