



OPAS Initiative
Motivate Workgroup
March 1, 2007

The Straw Proposal

The Motivate Workgroup Goal: Increase students' interest and knowledge of engineering and applied science opportunities for the purpose of pursuing technology-oriented careers.

The Motivate Workgroup Strategy: Increase the engineering and applied science content of STEM education programs.

What Can We Accomplish This Year Using This Strategy to Reach Our Goal?

Enhance existing programs with more engineering and applied science content, methods, improved delivery, wider audiences, greater connection to resources.

- Increase the presence of **in-classroom volunteers**
 - Delivering material to students
 - Delivering material to teachers
 - Recruit from small to medium sized businesses
 - Training
 - For the volunteer
 - For the teacher, in the use of volunteers

- Increase **business involvement outside the classroom**
 - Job shadows
 - Internships (proceed cautiously)
 - Open houses
 - Career fairs

- **Collaborate with NOISE** (Network of Informal STEM Educators) around the “E” in STEM.

OPAS Initiative 2007: Motivate Workgroup Kick-off – March 1, 2007

Increase the engineering and applied science content of STEM education programs to increase students' interest and knowledge of engineering and applied science opportunities for the purpose of pursuing technology-oriented careers.