



Welcome to the Engineering Energy Efficient Buildings 2009-2010 Design Challenge. Attached please find the following:

- What's the problem?
- Design Brief
- Engineering/Technological Design Process Model
- Contest Rubric
- Entry Form

The Engineering Energy Efficient Buildings (EEEB) Design Challenge is the brainchild of teachers in the SCITEC Network project. The SCITEC Network project is a three-year project, made up of Career and Technical Education Centers and their sending high schools who are working together to help Maine high school students meet *Maine's Learning Results* related to engineering and technological design. Development of and participation in collaborative design projects and challenges is one of the components of this project. The EEEB challenge was developed jointly among high school and CTE teachers and is in its second year. Additional information about the SCITEC Network project and participating schools can be found at www.mmsa.org/SCITEC.

Schools participating in the EEEB challenge will gather with their structure at the Capital Area Technical Center in the spring for presentation and judging. Schools may be limited because of space to the number of students they may bring to competition day. Additional information is forthcoming. Entry forms are due by February 12, 2010. Questions may be directed to Scott Phair sphair@augustaschools.org or Lynn Farrin lfarrin@mmsa.org.

Interested but not sure the full scale challenge works for you?
Contact Lynn Farrin (lfarrin@mmsa.org) if you would be interested in participating in a 1/4 or 1/8 scale version of this challenge!

Happy engineering!

Capital Area: Capital Area Technical Center • Cony High School • Erskine Academy • Gardiner Area High School • Hall-Dale High School • Maranacook High School • Monmouth Academy
Sanford Area: Sanford Regional Vocational Center • Marshwood High School • Massabesic High School • Noble High School • Sanford High School
Mid Maine: Mid-Maine Technical Center • Lawrence High School • Messalonskee High School • Waterville High School • Winslow High School