

**Roper Mountain Science Center - Second Saturday  
National Engineer's Week Science Workshop**  
February 13, 2010, "*Kids Engineering - Making It Matter*"



Come and join the American Institute of Chemical Engineers and Fluor Volunteers experience some cool, fun, and hands-on science activities. Receive a "*Kids Engineering - Making it Matter*" patch. Junior Girl Scouts can complete the requirements for their *Making It Matter* badge and Webelos can complete the requirements for their *Engineering* activity badge.

**Leaders Please Note:**

- √ Scouts can pre-register by sending an email to [sec@wscaiche.org](mailto:sec@wscaiche.org). Include SU/Pack #, Leader's Name and phone, number of scouts attending, & list girls/boys first names.
- √ Come early and allow enough time in order to complete activities to earn your badge (allow 1-2 hours). Starts at 9 a.m. and ends at 1 p.m.
- √ A free checklist will be provided for each participant to validate items completed.
- √ A free "*Kids Engineering - Making It Matter*" patch will be provided to all kids who complete at least 5 activities.
- √ **Fees:** Roper Mountain charges entry fees as follows -
  - Free* for RMSC members or school district employees
  - Free* for kids 5 years and under
  - \$4.00 for students ages 6-12 years and Senior Citizens (age 60 and over)
  - \$5.00 for teens and adultsThere is no other fee to participate in the workshop.

*Roper Mountain requires adults accompany all kids 13 years and under.*

**The activities to be covered will be:**

*Learn what Engineers do*  
*Polymer possibilities*  
*Label checks*  
*Basic facts*  
*Make an electrical circuit*  
*Make a block and tackle*  
*Materials, structures and bridges*  
*Computers in Engineering*  
*Learn how electricity gets to your house*  
*Draw a floor plan of your house*