



Science & Engineering Badge Day



April 10th, 2009, University of Tulsa, Keplinger Hall (just west of 5th and Harvard, behind student apartments)
9:00 AM – 3:00 PM. Lunch will be provided as part of the \$7 registration fee

ALL workshops are designed to emphasize the science and engineering careers that are open to girls. The Society of Women Engineers would happily e-mentor any girl with career aspirations in these fields, providing them information about scholarships, internships, and college selection. Contact Abigail.Wendt@magellanlp.com for more info.

“Math, Maps, & More” – Hosted by Christina Bishop

Have you ever thought about the connection between math and other areas of your life, like money, space, and time? Discover why people in all walks of life – from chefs to geographers – need to know some math to succeed at their jobs. After completing these activities, the probability is good that you’ll further explore the fascinating world of mathematics.

“Space Exploration” – Hosted by Jana Smith

For centuries, people have looked to the skies with awe and wonder. Today, astronomers, physicists, and other scientists use sophisticated instruments to gather and analyze data collected from earth and space. Join in this exciting quest to understand the universe.

“Planet Power” – Hosted by Dr. Laura Ford and Suzanne Dodson

Flick on the lights, switch on the stereo, and turn up the heat. These actions, which people do every day, require energy, something often taken for granted. Scientists say that as demand for energy increases around the world, fossil fuels such as coal, oil, and gas will eventually be depleted. If this happens, how will people operate their cars, heat their homes, and attend to their daily business? Do this interest project to learn more about energy and energy conservation.

“Uncovering the Evidence” – Host To be announced

You’ve seen CSI on TV, now’s your chance to learn the science behind forensics. In this workshop, you will analyze household “clues” using forensic science techniques, create and solve fictional cases by connecting with other “crime scene investigators”, and explore careers in forensic science and chemistry. You’ll gain a better understanding of what forensic scientists do, and analyze physical evidence to uncover truth using chemistry, biology, and physics

“Build a Better Future” – Hosted by Barbara Wollmershauser, Julie Guy, & Mary Jane Green

Whether talking about building a space station or the plumbing for a sports arena, building a better future involves problem solving on the part of many professionals, including engineers. Engineers take ideas and turn them into reality by applying math and science. The activities in this interest project will stimulate your imagination. And who knows, you may come up with a better bridge, baker’s oven, or bite plate!

Each badge workshop will last the entire day, so you will be enrolled in only ONE session. Please list your 1st, 2nd, and 3rd choices in the space above, in case your 1st choice is no longer available. You will be notified via email/phone as to which workshop you’re enrolled in.

Name: _____ Troop # _____ Phone _____ Email _____

Please return enrollment form to Kathryn Davis-Robb [kathryn@mecgs.org] by April 2nd, 2010. Please also include a check for \$7 payable to the Girl Scout Council. For questions regarding the workshops, email [Abigail.Wendt@magellanlp.com]