



# SWE Activity Report 2005 - 2006

**Event: Girl Scout Day**

**Time – From: 10:00am**

**To: 2:00 pm**

**Date: Saturday, March 11, 2006**

**Number of Participants: 63 Girl Scouts**

*Please attach all participant lists, relevant pamphlets/flyers, and pertinent info.*

Chairs of Event		
Name	Email	Year / Major
Kelly Conway	<a href="mailto:Knc22@cornell.edu">Knc22@cornell.edu</a>	CS '07
Liz Corson	<a href="mailto:Ecc35@cornell.edu">Ecc35@cornell.edu</a>	ChemE '09
Sarah Hansen	<a href="mailto:Slh63@cornell.edu">Slh63@cornell.edu</a>	Independent/BEE '08
Catherine Manix	<a href="mailto:Cgm25@cornell.edu">Cgm25@cornell.edu</a>	ChemE '08

Please submit a brief schedule of the planning of your event and any relevant contact people

Activity to be done	By (Date)	Contact Person	Phone Number (or Email)
Reserve rooms in Olin Hall	Mid-December	Engineering Registrar	Olin Hall
Contact Indian Hills Council	Mid-December	Karen Cassie E. Andrews Tammy Macmyne	<a href="mailto:Otsego@gsihc.org">Otsego@gsihc.org</a> <a href="mailto:chenango@gsihc.org">chenango@gsihc.org</a> <a href="mailto:tmacmyne@gsihc.org">tmacmyne@gsihc.org</a>
Contact Seven Lakes Council	Mid-December	Aletha Rollins	<a href="mailto:Arollins@girlscoutssevenlakes.org">Arollins@girlscoutssevenlakes.org</a>
Contact Lockheed Martin	Late January	Susan Chong	<a href="mailto:susan.s.chong@lmco.com">susan.s.chong@lmco.com</a>
Contact Main Street Science	Mid-February	Allison Graph	<a href="mailto:Amg48@cornell.edu">Amg48@cornell.edu</a>
Contact PSP Unlimited/Order shirts	Sat 2/25	Jeff Frey	<a href="mailto:jeff@pspunlimited.com">jeff@pspunlimited.com</a>
Order badges	Thu 3/2		<a href="http://www.advantageemblem.com">http://www.advantageemblem.com</a>
Recruit Volunteers	Late January	(at SWE meeting)	
Shop for supplies	Mon 3/6		
Volunteer Info Sessions	Wed 3/8, Thu 3/9		
Pick up t-shirts	Fri 3/10	PSP Unlimited	
Pick up keys	Fri 3/10		
Return keys	Sat 3/11		
Return Main Street Science kits	Fri 3/17		

1. **About the event** – Please describe the event briefly. Was the turn out what you expected and/or wanted?

a. We had 4 different activities:

i. Polymers – ChemE – Girls created their own glue and tested its strength against store-bought glues with jolly ranchers as weights

- ii. Cantilevers – Civil – Girls built cantilevers with toothpicks and clay and tried to make them extend out as far as possible
  - iii. Catapults – MechE – Girls built catapults on a base made of nails nailed into wood out of rubber bands and spoons and launched pompoms. They discussed their designs as a group and improved them.
  - iv. Lemon Battery/Secret Code – ECE/CS – Girls tested various batteries for their voltages and then made a galvanic cell with a lemon and copper/iron electrodes. They also decoded messages encoded in binary, using light bulbs to understand the concept of binary.
- b. Chairs and volunteers started arriving at 9am to start setting up. The activities started at 10 with a brief introduction to engineering by Andrea and Melissa. We had a lunch break, and activities ran until 2pm.
- c. Initially, turn out was not what we expected. We were initially expecting 100 or more girls. However, at the registration deadline we had 30 registered, so having 63 by the event was good in comparison to 30.
2. **Specific Problems** – Please list any problems that were encountered in the organization and execution of the event.
- a. ALETHA ROLLINS. She was our contact at Seven Lakes. However, she is the membership director, not the program director. Low registration was due to her inaction. She never forwarded any fliers we gave her. Next year, contact the new person, Cheryl.
  - b. Room registration. The Engineering Registrar lost our forms and we didn't find out that we didn't have any rooms until a few days before the event. Makes sure you get a confirmation email and double check with the registrar that you have the rooms reserved!
3. **Suggestions** – Please elaborate on ways in which SWECan improve this event for next year. Include general suggestions and advice for the future.
- a. Continue working with Main Street Science.
  - b. Contact the councils and pick a date with their advice.
  - c. Continue with new badges, new activities.
  - d. Look at Develop, Design, Discover activities: <http://www.developdesigndiscover.org>
  - e. Make sure there are definite activity leaders who can talk about the activity and the engineering discipline. Hand out a sheet of information to girls.
  - f. Cost: no charge!
4. **Budget**- Please make a budget of things purchased for this activity and their prices.

Item	Purchased From	Cost
Engineering Day Patches	<a href="http://www.advantageemblem.com">http://www.advantageemblem.com</a>	\$90.25
Making It Matter Badges	Girl Scouts of the USA	\$71.25
Activity supplies	Target	\$80
Taxi (t-shirt pickup)		\$14

Food for Volunteers	Wegman's	\$82.12
Food for Volunteers	CTB	\$27.94
T-Shirts	PSP Unlimited	\$650 (Lockheed paid)
<b>Total =</b>		<b>\$365.56</b>