

Join ***Girl Scout Investigations*** as you learn about Science, Technology, Engineering and Math! Have fun as you participate in hands on, exciting experiments with all your friends. STEM Saturdays is designed for Junior Girl Scouts through Ambassador Girl Scouts. Leaders, let your girls have fun while you sit back and watch!



## STEM Saturdays!

### Girls Go Green

Earth is very special to us! Come and have fun with your friends, while you learn about how to take better care of our planet. Learn about recycling as you make your own recycled paper, decorate your own canvas green bag, build your own flower biome, and participate in the new Journey, It's your planet, Love it! *Cost: \$ 20 per girl, price includes the It's your planet, Love it! Journey book*

**October 17, 2009** ~ Vernon Hills Regional Service Center, 650 N Lakeview Parkway, Vernon Hills, IL 60061

**October 24, 2009** ~ Center for Leadership and Innovation, 770 N Halsted, Chicago, IL 60642

**October 24, 2009** ~ The Friendship Center, 5100 W. Sunset Lane, Country Club Hills, IL 60478

### Kitchen Science

Everything, even the kitchen sink, is used during this Kitchen Science program. Come and participate in various fun science experiments that use ingredients found in the kitchen. Make your own ice cream, learn about yeast as you make your own homemade pizza, investigate acids and bases with red cabbage, and create your own relaxing bath soak, and mud facials. *Cost \$20 per girl*

**November 14, 2009** ~ Vernon Hills Regional Service Center, 650 N Lakeview Parkway, Vernon Hills, IL 60061

### Lights and Optics

From computers, cell phones, and cameras, to DVD's, CD's, and contact lenses, everything uses Optics. Join us for a fun filled day as you play tricks on your eyes and mind with optical illusions; create your own tie-dye t-shirt using chromatography; learn about careers in optics; and make your own moving cartoon picture. *Cost: \$15 per girl, each girls needs to bring a white t-shirt*

**December 5, 2009** ~ Vernon Hills Regional Service Center, 650 N Lakeview Parkway, Vernon Hills, IL 60061

**December 19, 2009** ~The Friendship Center, 5100 W. Sunset Lane, Country Club Hills, IL 60478

**January 16, 2010** ~ Center for Leadership and Innovation, 770 N Halsted, Chicago, IL 60642

### Animal Adventures

Discover the world of animals as you research endangered and extinct animals; talk with a veterinarian; dissect owl pellets; make an edible cookie animal cell and much more! *Cost: \$15 per girl*

**January 16, 2010** ~ Vernon Hills Regional Service Center, 650 N Lakeview Parkway, Vernon Hills, IL 60061

### Engineering your World

Have fun learning about engineering and the design process, as you build and play with a Dance Dance Revolution; launch ping pong balls high into the air; create a new invention and make a looping roller coaster for marbles with Styrofoam piping. *Cost: \$15 per girl*

**February 13, 2010** ~ Vernon Hills Regional Service Center, 650 N Lakeview Parkway, Vernon Hills, IL 60061

**February 27, 2010** ~The Friendship Center, 5100 W. Sunset Lane, Country Club Hills, IL 60478

**March 6, 2010** ~ Center for Leadership and Innovation, 770 N Halsted, Chicago, IL 60642

### Discovering the Human Body

Respiratory... Digestive... Circulatory... Nervous System... Discover more about the human body while participating in hands-on, fun activities. Make a brain out of slime, learn about nutrition and digestion, and discover how to relax your mind and body through deep breathing. *Cost: \$15 per girl*

**March 20, 2010** ~ Vernon Hills Regional Service Center, 650 N Lakeview Parkway, Vernon Hills, IL 60061

### Earth Explorations

Explore the world around you as you make an edible comet, get messy with erupting volcanoes, blast off rockets, and learn about the wind. *Cost: \$15 per girl*

**April 17, 2010** ~ Vernon Hills Regional Service Center, 650 N Lakeview Parkway, Vernon Hills, IL 60061

**April 24, 2010** ~The Friendship Center, 5100 W. Sunset Lane, Country Club Hills, IL 60478

### Forensic Investigations

A car accident has occurred! Help Girl Scouts discover who and what caused the accident. Investigate the scene for fingerprints; recreate a computer composite sketch of the driver; examine evidence left at the scene of the accident; and much more! *Cost: \$15 per girl*

**May 15, 2010** ~ Vernon Hills Regional Service Center, 650 N Lakeview Parkway, Vernon Hills, IL 60061

**May 22, 2010** ~The Friendship Center, 5100 W. Sunset Lane, Country Club Hills, IL 60478

### Lego Robotics

Work together with friends to build, program and play with your team's LEGO® Robot. *Cost:\$15 per girl*

**March 13, 2010** ~ Vernon Hills Regional Service Center, 650 N Lakeview Parkway, Vernon Hills, IL 60061

**April 3, 2010** ~ Center for Leadership and Innovation, 770 N Halsted, Chicago, IL 60642

**May 8, 2010** ~ TBD

**Time:** 10:00 a.m. - 3:00 p.m.

**Cost:** Refer to individual program for cost  
(includes program supplies, snack, fun patch, and goodies)  
No charge for adults.

**Questions:** Contact Courtney at 847-573-0500, ext. 2512 or [cfeuquay@girlscoutsgcnwi.org](mailto:cfeuquay@girlscoutsgcnwi.org)  
For questions regarding the programs at the Center for Leadership and innovation please contact Lisa Garrucho at [lgarrucho@girlscoutsgcnwi.org](mailto:lgarrucho@girlscoutsgcnwi.org)

**Reservations:** To register, go to [www.girlscoutsgcnwi.org](http://www.girlscoutsgcnwi.org)

**Please Note:** A registered adult Girl Scout must accompany the girls throughout the Girl Science Sampler. Troops must follow *Safety-Wise* girl to adult ratio.  
Bring a lunch. Girls will not be permitted to leave the premises.