

# Star Center Programs 2010-2011

Located at Camp Small Valley

## Design Divas \$7/girl

Age Level: J

Create! Innovate! Cooperate! In this session, girls work in teams to brainstorm, design, build and test their way through open ended problems. These problems will challenge the girls to think "outside the box" and use recycled materials to solve them. From making ping pong balls go down zip lines, to helping someone on crutches, participants will work cooperatively to develop problem solving skills.

9/25/2010: 10:30 a.m. - 3:30 p.m.  
10/09/2010: 10:30 a.m. - 3:30 p.m.

## Star Explorer \$7/girl, \$3/adult

Age Level: C/S/A

People have always looked at the night sky with awe and wonder. Today we have technology that helps us to see the stars with more clarity. Come to the STAR Center to explore the night sky. Girls will first hone their star gazing skills in the Star Lab and then take their knowledge out to the night sky (weather permitting). Girls will learn about telescopes and also make a planisphere to take home. Girls will work toward the Space Exploration Interest Project. Overnight accommodations are in a lodge, so adults will need to have the proper level of training. A snack and continental breakfast are provided.

10/15/2010: 7:00 p.m. - 10/16/2010 10:00 a.m.  
01/21/2011: 7:00 p.m. - 01/22/2011 10:00 a.m.  
03/18/2011: 7:00 p.m. - 03/19/2011 10:00 a.m.

## Wondering About Science \$7/girl

Age Level: B

Come to the STAR Center to learn about the wonderful world of science. Girls will get a chance to "try it" by creating a science journal, learning about chemical reactions, making recycled paper, investigating crystals, working with magnets, and more. Girls will cover some activities for the Science Wonders Try-It. Girls will receive the STAR Center patch and a snack. Due to space limitations, please stick to adult/girl ratios.

10/16/2010: 9:00 a.m. - 12:00 p.m.

## Science Sleuth \$7/girl

Age Level: J

Can you move water from one container to another without pouring it? Make your own paper? Separate light? Visit the STAR Center to do these and more while earning the Science Sleuth Badge. Snack and badge included.

10/16/2010: 1:30 p.m. - 4:30 p.m.

## Liquid to Matter \$16/girl, \$5/adult

Age Level: J

Come to the one of a kind STAR Center. Learn by participating in hands-on science experiments just like a real scientist. Girls will do a bubble gum investigation and be able to create their own bubble gum. They will also explore constellations as never before inside the Star Lab. Girls will receive the STAR Center patch. Snacks are provided but troops are responsible for providing quick and easy meals. Troops will be camping overnight in a lodge and adults must have the proper level of training. Due to space limitations in STAR Center, please adhere to Safety-Wise ratios.

10/22/2010: 7:00 p.m. - 10/23/2010 12:00 p.m.  
03/25/2011: 7:00 p.m. - 03/26/2011 12:00 p.m.

## Incredible Insects \$7/girl

Age Level: B

Do you know which bug will roll up in a little ball when it is threatened? How are some bugs helpful to us? Find out the difference between insects, bugs, and arthropods. Go on a bug safari, learn some songs about bugs and have a "buggy time."

10/23/2010: 1:30 p.m. - 4:30 p.m.  
04/16/2011: 9:00 a.m. - 12:00 p.m.

## Ground to Sky \$16/girl, \$5/adult

Age Level: J

Girls will conduct hands-on experiments and activities focusing on spectroscopes, telescopes, water testing, and solar power at the STAR Center. Girls will also experience Star Lab, a portable planetarium as part of their adventure. Snacks will be provided. Troops are responsible for providing quick and easy meals. Troops will be camping overnight in a lodge and adults must have the appropriate level of training required. Girls will receive the STAR Center patch. Due to limited space in the STAR Center, please limit adults to Safety ratio.

10/23/2010: 7:00 p.m. - 10/24/2010 12:00 p.m.



Click on the E Council button to register for any of these programs.

**CSI in the Heart of PA**  
**\$16/girl, \$5/adult**

**Age Level: C/S/A**

Have you ever wondered how they solve those crimes on TV? Join us for this hands-on session where we will solve our own mystery while fulfilling most of the requirements of the "Uncovering the Evidence" Interest Patch. Snacks are provided, however troops are responsible for providing quick and easy meals. Troops will be camping overnight in a lodge and adults must have the appropriate level of training.

*11/12/2010: 7:00 p.m. - 11/13/2010 12:00 p.m.*

**Chemistry Craze**  
**\$7/girl**

**Age Level: J**

Clean out those test tubes, dust off your lab coat, and strap on your safety goggles. Come to the STAR Center to have some fun with chemistry. Perform experiments demonstrate density, surface tension, and acidity. Girls will receive the STAR Center patch. Due to space limitations in the STAR Center, please adhere to adult/girl ratios.

*11/13/2010: 1:30 p.m. - 4:30 p.m.*  
*03/26/2011: 1:30 p.m. - 4:30 p.m.*

**Sky Search**  
**\$7/girl, \$3/adult**

**Age Level: J**

Do you love staring at the night sky? Come to the STAR Center for some space exploration. Girls will first observe stars in the STAR Lab and then take their knowledge out to the night sky. Girls will learn about telescopes and will also make their own planisphere to take home. Girls will earn the Sky Search badge. Overnight accommodations are in a lodge, so adults will need to have proper level of training. A snack and continental breakfast are provided.

*11/19/2010: 7:00 p.m. - 11/20/2010 10:00 a.m.*  
*02/18/2011: 7:00 p.m. - 02/19/2011 10:00 a.m.*  
*04/15/2011: 7:00 p.m. - 04/16/2011 10:00 a.m.*

**Making It Matter**  
**\$7/girl**

**Age Level: J**

Learn how to make Styrofoam peanuts disappear, make a simple electrical connection using batteries, discover what makes diapers super absorbent, and more. Girls will complete requirements for the Making It Matter badge. A snack is included.

*02/19/2011: 9:00 a.m. - 12:00 p.m.*  
*04/16/2011: 1:30 p.m. - 4:30 p.m.*

**Marvelous Mystery**  
**\$7/girl**

**Age Level: B**

Mysteries are all around: in nature, in games, even in your own body! Come to the STAR Center to unlock a variety of mysteries. Girls will make a secret code, learn about fingerprints and solve a science mystery. Snack will be provided. Girls will earn the Marvelous Mystery Try-It.

*02/19/2011: 1:30 p.m. - 4:30 p.m.*

**Brownie Builders**  
**\$7/girl**

**Age Level: B**

Architects, engineers, and decorators design buildings and other spaces. Girls will learn how architects and engineers accomplish this and give it a try themselves. Working with other girls they will design different types of buildings, why certain shapes are stronger than others, and talk about why certain buildings are made in certain ways. A snack will be included. Girls will earn the Building Art Try-It.

*02/26/2011: 9:30 a.m. - 12:30 p.m.*

**Magical Magnets**  
**\$7/girl**

**Age Level: B**

Did you ever wonder why magnets stick to some things and not to others? Come to the STAR Center to find out. You'll see how to make magnets float in mid-air, use magnets in a craft, and discover if there's really iron in your breakfast cereal. Girls will receive a snack and the STAR Center patch.

*02/26/2011: 1:30 p.m. - 4:30 p.m.*

**E Council**  
*Online Registration*

Click on the E Council button to register for any of these programs.

