



# Girl Scout Programs for Cadettes and Seniors

## Cadettes

### Title: Navigating the Night Sky

**Duration:** 90 minutes

**Badge/Patch Correlations:**

*Astronomy Fun Patch*

**Overview:** Can you imagine a time before GPS? Before the compass? This program will challenge girls to do so, teaching age-old methods of navigation using only the night sky.

**Activities:**

- Use a constellation chart to locate stars and constellations
- Learn to orientate yourself using stars and constellations
- Visit the William D. McDowell Observatory to view the night sky.



### Title: Live Green

**Duration:** 90 minutes

**Badge/Patch Correlations:**

*Breathe Journey (Aware Award)*

**Overview:** Designing an indoor environment means creating a living space that is not just comfortable but healthy too. This program challenges girls to, upon considering the many techniques and technologies available, design a green home, then to build a model that reflects their design.

**Activities:**

- Conduct a survey of the our science building to learn about green products and technologies
- Design and build a model of a green home.



### Title: Pests and Pals

**Duration:** 90 minutes

**Badge/Patch Correlations:** *Outdoor Classroom Fun Patch*

**Overview:** This program explains the concept of biodiversity and its importance in an ecosystem. In addition to certain species' effects on humans, girls will explore the ways in which humans threaten biodiversity.

**Activities:**

- View plant and animal specimens considered pests and learn to identify them.
- Conduct a simple biodiversity survey of a natural area



### Title: Salt Marsh Ecology II

*(available April-November only)*

**Duration:** 90 minutes

**Badge/Patch Correlations:**

*Conservation Fun Patch*

**Overview:** As a wetland, the salt marsh habitat serves many vital functions both to nature and humans. This program provides an introduction to these functions as well as the methods used to determine whether a particular salt marsh is healthy and functioning properly.

**Activities:**

- Measure the following water quality parameters: dissolved oxygen, salinity, and turbidity.
- Survey local fauna by collecting a sampling of salt marsh organisms



## Seniors

### Title: Sky Study

**Duration:** 90 minutes

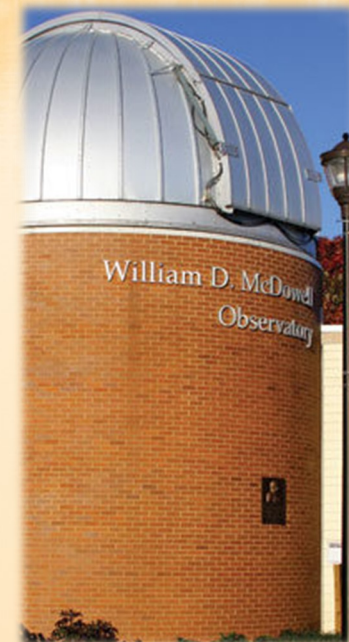
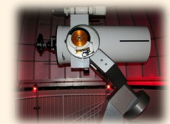
**Badge/Patch Correlations:**

*Sky Badge (Legacy)*

**Overview:** With so many earthly distractions it's easy to ignore the sky and the inspiration it can provide. This program allows girls to rediscover the sky and the wonder they likely felt when they first looked up.

**Activities:**

- Tour the night sky to find common constellations
- View individual celestial objects using a reflector telescope





**Meadowlands Environment Center**  
**Two DeKorte Park Plaza**  
**Lyndhurst, NJ 07071**  
**General Information: (201) 460-8300**



For more information or  
to make a reservation, contact:  
Kirk Weber at (201)460-8384  
or by e-mail  
kweber@ramapo.edu

### **Program fee:**

90 min. program: \$10/scout  
(No cost to leaders/chaperones)

### **Policies:**

- Minimum of 6 Scouts is required to run a program
- Programs can be reserved the first 2 weekends of the month (Sat. or Sun.)
- Reservations should be made at least 2 weeks in advance
- Required adult to youth ratio: 1:12



Director of Meadowlands  
Environment Center  
**Angela Cristini, Ph.D.**

Visit our website:  
[www.rst2.org/mec](http://www.rst2.org/mec)



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Programs for  
**Cadettes**  
&  
**Seniors**



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