

# **NEW – Girl Scout Badge Activities**

## **1) SPACE SCIENCE BADGES**

### **DAISY – Space Science Explorer**

1. Explore the Sun – Make a Shadow Poster
2. Observe the Moon – Learn about Moon Phases
3. Meet the Stars – Design your own Constellation

### **BROWNIE – Space Science Adventurer**

1. Meet the Neighbors – Make a Picture of the Planets
2. See More than Before – Build and/or use a Telescope
3. Investigate the Moon – Learn about Moon Phases
4. Be a Stargazer – Design your own Constellation and Star Story
5. Celebrate and Share – Learn about Star Parties and Share a Space Snack

### **JUNIOR – Space Science Investigator**

1. Model the Solar System – Build Scale Models of the Solar System
2. Circle the Sun – Find your Age on other Planets
3. Discover the Stars – Create a “Girl Scout Minute” or Go on a Sky Scavenger Hunt
4. Use Tools to Explore – Build a Planisphere
5. Share your Sky – Learn about Star Parties and Create a Space Show

**[Consider adding a Planetarium Show to your Girl Scout Program](#)**

## **2) ROBOTICS BADGES**

### **DAISY ROBOTICS**

1. Learn what Robots are
2. Learn what Robots do
3. Learn the Parts of a Robot
4. Design your own Robot
5. Learn how to Program a Robot
6. Build and Program a Robot

## **BROWNIE ROBOTICS**

1. Create a Simple Machine
2. Test your Robot Senses
3. Learn how to Program a Robot
4. Try Programming
5. Code a Robot
6. Explore how Robots Imitate Nature
7. Learn about the Parts of a Robot
8. Plan, Create a Prototype, and get Feedback on your Robot
9. Learn how to Showcase your Robot

## **JUNIOR ROBOTICS**

1. Learn how Robots Work
2. Discover the Robot Brain
3. Learn about and try Programming
4. Code a Robot
5. Discover the Future of Robots
6. Plan your Robot's Expertise
7. Create a Prototype
8. Get Feedback on your Robot
9. Learn how to Showcase your Robot

## **CADETTE**

1. Learn about Robots
2. Build a Robot's Simple Sensor
3. Experiment with Robot Sensors
4. Learn about Programming
5. Write a Program for a Robot
6. Pick a Problem a Robot might Solve
7. Explore Possible Solutions and Plan a Prototype Robot
8. Create a Prototype
9. Get Feedback on your Robot
10. Learn how to Showcase your Robot

**Call us to learn more about planning your Girl Scout Adventure with us – 845-357-3416**