

How to Reserve a Program-in-a-Box

A Program-In-A-Box is a packaged program activity that GSOC troops, groups, and individual Girl Scouts can check out from our Irvine office. These activities include materials and instructions for girls to do a self-guided activity to help complete badge steps or enhance other programming.

Boxes to choose from:

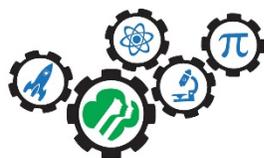
- ▶ **Broadcom: Raspberry Pi Boxes:** 10 identical boxes available
Juniors, Cadettes. Recommended use is 2-3 girls per box
- ▶ **Western Digital: Hard Drive Boxes:** 5 identical boxes available
Cadettes. Recommended use is 10 girls per box
- ▶ **Space Science Activity Boxes:** 2 identical boxes available
All Levels. Recommended use is 20 girls per box
- ▶ **GiggleBot Robotics Boxes:** 10 identical boxes available
Daisies, Brownies, Juniors, Cadettes. Recommended use is 2-3 girls per box
- ▶ **GoldieBlox Mechanical Engineering Boxes:** 3 identical boxes available
Brownies. Recommended use is 12 girls per box
See next page for more information on each box

Step 1. Complete **online reservation form (click here)**.

If you cannot access link, email Girl Experience Department at program@girlscoutsoc.org.

Step 2. Girl Experience Dept. will contact you to arrange for pick-up of the boxes at the GSOC Irvine office.

Step 3. Enjoy your Program-In-A-Box for one week and return at your scheduled time.



GIRL SCOUTS OF ORANGE COUNTY
STEM CONSORTIUM

STEM Program-in-a-Box activities are made possible through Girl Scouts of Orange County's STEM Consortium sponsorships.



Broadcom: Raspberry Pi Boxes

Recommended use is 2-3 girls per box (10 boxes available)

Learn the basics of assembling a Raspberry Pi and learn how to code using step-by-step instructions. Each box contains a complete Raspberry Pi set-up for three different projects including cables, instructions, and a computer monitor. Beginners welcome!

Watch this [Raspberry Pi informational video](#) and learn with the girls!

Here is a preview of what is inside the box! [Set Up Instructions](#) and [LED Lights Project](#)

These boxes are provided by Broadcom Foundation. Girl participants will receive a **FREE** Broadcom patch in box.



Junior: STEMsational ME! badge- Step 2

Cadette: My STEM Life badge- Steps 2 and 3

Western Digital: Hard Drive Activity Boxes

Recommended 10 girls per box (5 boxes available)

Ever wonder how and where your digital photos and homework files get stored? Find out about the inner workings of a computer and learn the important parts of a hard drive as you do the *What Happens when I Hit Save?*, *Technology Trivia Game*, and *Save the Selfies* activities. Each box contains a hard drive incased in clear acrylic to see all the parts, trivia game pieces, and activity instructions.

These boxes are provided by Western Digital Corporation.



Cadette: My STEM Life badge- Steps 2 and 4

GiggleBots Robotics Activity Boxes

Recommended 2-3 girls per box (10 boxes available)

“The GiggleBot is a Microbit Robot. micro:bit is a tiny programmable computer, designed to make learning and teaching easy and fun through block coding, JavaScript and even Python!” - GiggleBot Learn to use a GiggleBot with the activities in this box and complete steps toward earning one or more robotics badges.



Daisy: What Robots Do- Steps 1, 2, 3; How Robots Move- Steps 1, 2

Brownie: Programming Robots- Steps 3, 4, 5; Designing Robots- Steps 2, 3; Showcasing Robots- Steps 3, 4

Junior: Programming Robots- Steps 1, 2, 3, 4, 5; Showcasing Robots- Steps 3, 4

Cadette: Programming Robots- Steps 1, 4, 5; Designing Robots- Steps 1, 2; Showcasing Robots- Steps 1, 4

NASA: Space Science Activity Boxes

Recommended 20 girls per box (2 boxes available)

The Space Science Box and [Eclipse Activity Guide](#) support activities for learning about the Sun, light, our solar system, and eclipses. They draw upon hands-on, safe activities suitable for girls as well as adults. Each box contains materials needed for various activities. Refer to Eclipse Activity guide linked above for additional supplies needed for each activity.



Daisy: Space Science Explorer badge- Step 1

Brownie: Space Science Adventurer badge- Step 3

Junior: Space Science Investigator badge- Step 1, Eco Camper badge- Step 2

GoldieBlox Mechanical Engineering Boxes

Recommended use is 12 girls per box (3 boxes available)

Inside each box are GoldieBlox parts that allow girls to earn all three Brownie Mechanical Engineering Design Challenge badges. It is recommended that girls work in pairs. Each box contains all of the supplies for girls to build the Fling Flyer, Leap Bot, and Race Car Design Challenges. Parts in each box are used interchangeably between each activity.



Brownie: Mechanical Engineering Badges - Fling Flyer Design Challenge, Leap Bot Design Challenge, Race Car Design Challenge

Please Note: Girl Scout badges are not included.