

Girl Scout Space Science Badge

One Way to Earn the Space Science Badges as a Multi-Level Troop	What Daisies Do (Space Science Explorer Badge)	What Brownies Do (Space Science Adventurer Badge)	What Juniors Do (Space Science Investigator Badge)	What Cadettes Do (Space Science Researcher Badge)	What Seniors Do (Space Science Expert Badge)	What Ambassadors Do (Space Science Master Badge)
Girls research and build models of the solar system using salt dough or other simple craft materials. They meet with someone from their local astronomy club to learn more about how humans are made up of star dust, and about light, the sun, other stars and planets, and the constellations in our view.	Explore the Sun	Meet the Neighbors	Model the Solar System	What more can you see?	Uncover the stuff you're made of	Discover worlds beyond Earth
Girls learn about NASA and watch an interview with a NASA scientist on Girl Scouts at Home. They plan a moon observation project to track and chart the stages of the moon. They research our closet star, the Sun, and watch a video of planets orbiting the sun. Each planet is a different distance from the Sun, and they all orbit at different speeds. Girls discover how old they would be on Mars, and Jupiter. Interested girls learn more about space science careers by going online at the "Women@NASA" site here: www.girlscouts.org/WomenatNASA or to www.girlscouts.org/NASASStudentOpportunities .	Observe the Moon	See more than before	Circle the Sun	Explore "invisible" light	Explore the brilliance of the stars	Dive into NASA science
Girls go on a night sky scavenger hunt. They learn what phase the moon is in, try to find a planet, a double star, and three stars that are different colors. Girls find constellations and learn the stories and fables about them.	Meet the Stars	Investigate the Moon	Discover the stars	See the stars in a new way	Discover telescopes as light collectors	Explore your interests
Girls make a paper star wheel and use it to find several stars or a planet using a telescope. They learn how to compare their eyes to telescopes. They also try out using an online telescope, and get a taste for what it's like to be an astronomer. Older girls visit www.girlscouts.org/NASACitizenScientists to join the Citizen Science movement.	Meet the Stars	Be a stargazer	Use the tools to explore	Expand your vision	Find the light in the darkness	Dig Deeper
Girls hold a star party with friends to celebrate all they learned. They choose a favorite star, learn astrophotography and take pictures of their favorite thing in the night sky. Using paper tubes, straws, plastic food containers, egg cartons, and other craft materials, girls work in groups to build a prototype.	Practice respecting authority	Celebrate and share	Share your sky	Conserve the night sky	Share your knowledge	Share what you've learned

Girl Scout Space Science Badge