

JUNIOR BADGE/JOURNEY OVERVIEW

Grades: 4–5



ANIMAL HABITATS BADGE

Imagine meeting a monkey or kicking up dust with a kangaroo. These animals line in the wild, so we don't get to spend time with them in their natural homes-their habitats. But that doesn't mean we can't find out more about where they live, how they play, and how we can help them!

Steps:

1. Find out about wild animals
2. Investigate an animal habitat
3. Create an animal house
4. Explore endangered habitats
5. Help protect animal habitats

Purpose: When I've earned this badge, I'll know more about wild animals and how to protect their homes.



BUSINESS OWNER BADGE

Do you have a passion for fashion? Are you kooky about cooking? Or maybe you're just wild about animals? With this badge, you'll find out that it's possible to turn something you love into a successful business!

Steps:

1. Explore businesses you might like to start someday
2. Learn the basics of running a business
3. Find out what kind of support is available for small-business owners
4. Investigate what makes a great customer service
5. Understand the importance of consumer research

Purpose: When I've earned this badge, I'll know the basic steps to plan and create a new business.



CAMPER BADGE

An overnight trip in the great outdoors brings you closer to nature—and to your Girl Scout sisters. In this badge, plan a camping adventure! You might watch a sky full of stars, cook a meal on a stick, or share silly stories around the campfire. And you'll definitely learn some new outdoor skills as you take part in this favorite Girl Scout tradition.

Steps:

1. Start planning your adventure
2. Gain a new camping skill
3. Find your inner camp chef
4. Try a new activity
5. Head out on your trip-and have some nighttime fun!

Purpose: When I've earned this badge, I'll know how to have a great overnight camping trip at a campfire or cabin.



COOKIE CEO BADGE

When you earn the Financial Literacy badge called Business Owner, you come up with ideas for a business you'd like to run someday, and then do research to see if the business would succeed. Guess what? When you sell Girl Scout Cookies, you're already running your own business—and you can earn this badge for it!

Steps:

1. Set a group goal
2. Explore how a small business works
3. Create a cookie sale job list
4. Learn to make a good impression
5. Track your sales

Purpose: When I've earned this badge, I'll know more about how to run all parts of my cookie business.



CUSTOMER INSIGHTS BADGE

When you earn the Financial Literacy badge, called Savvy Shopper, you learn how to use your money wisely and how to tell the difference between what you need and what you want. Your customers want to do the same thing when they buy Girl Scout Cookies. Use what you learn from your customers to make your cookie business even stronger!

Steps:

1. Ask an expert what customers want
2. Do some research at the grocery store
3. Find out who buys cookies and why
4. Learn from people who don't buy
5. Listen for clues and ask great questions

Purpose: When I've earned this badge, I'll have a better understanding of my cookie customers.



DETECTIVE BADGE

Stories, movies, and television are full of amazing detectives solving mysteries and bringing criminals to justice. Their jobs are important, exciting, and take serious skills—skills you can try in this badge. Grab your magnifying glass and dive into the science of detecting!

Steps:

1. Practice the power of observation
2. Communicate in code
3. Fingerprint for fun
4. Try out detective science
5. Follow the clues to solve a real mystery!

Purpose: When I've earned this badge, I'll know how to follow clues and discover facts like a real detective.



DIGITAL PHOTOGRAPHER BADGE

It seems like almost every gadget can take a digital photograph, from phones to laptops to, of course, digital cameras. But do you know how to get the most out of your digital device, and what it takes to capture a winning photo? You will if you earn this badge!

Steps:

1. Learn about digital cameras from an expert
2. Take tons of photographs!
3. Edit three photos
4. Make a digital photo project
5. Share your photos

Purpose: When I've earned this badge, I'll know how to use a digital camera to create one-of-a-kind photos.



DRAWING BADGE

When you pick up your pencil, anything could leap from your mind onto a sheet of paper. That's what makes drawing so fun. In this badge, you'll find techniques to make your drawings even better-which will make it more fun to see what your imagination can do.

Steps:

1. Experiment with different materials
2. Learn how to add shading
3. Get some perspective
4. Use your imagination like a graphic artist
5. Make your masterpiece-and show it off!

Purpose: When I've earned this badge, I'll know some great drawing techniques.



ECO-CAMPER BADGE

Whenever you step outdoors, you are a guest in nature's home. This is especially true when it comes to camping. Whether or not you've been camping before, you will earn this badge by learning how to protect the environment on your trip. It will shape the way you camp forever!

Steps:

1. Learn the 7 Leave No trace Principles
2. Plan meals with the environment in mind
3. Prepare a minimal impact campsite
4. Have fun with Leave No Trace
5. Take a conservation hike

Purpose: When I've earned this badge, I'll have learned skills for minimal impact camping and know how to protect the environment when I go outdoors.



ENTERTAINMENT TECHNOLOGY BADGE

There's an old saying that all work and no play makes like pretty full. But if you learn the ins and outs of entertainment technology, you can end up with work that's all about play! Discover the sound waves in a ringtone, the light magic that makes movies, and the topsy-turvy physics of roller coasters.

Steps:

1. Animate your own artwork
2. Dig into video game development
3. Try the science of amusement park rides
4. Create your own special effects
5. Surf a sound wave

Purpose: When I've earned this badge, I'll know the science behind the world of entertainment.



FIRST AID BADGE

It can be scary if someone is sick or hurt, especially during an emergency. But when you've had practice and learned what to do, it's easier to stay calm! Find out how to help people when they're ill or injured and how to respond during an emergency in this badge.

Steps:

1. Learn the first steps to take in an emergency
2. Talk to first responders
3. Make a portable first aid kit
4. Find out how to handle urgent first aid issues
5. Know how to take care of someone who's sick

Purpose: When I've earned this badge, I'll know how to help people who are sick or hurt.



FLOWERS BADGE

Flowers are so beautiful, we bring them from the outside into our homes to add cheer to a room. But there's more to flowers than just good looks. Without them, plants could not make seeds, and scientists think the world would be much drier (and a lot less pretty). Dig up more flower secrets in this badge!

Steps:

1. Uncover the science of one flower
2. Look under the petals
3. Find out how flowers help people
4. Have fun with flowers
5. Send a message in flower code

Purpose: When I've earned this badge, I'll know all that's wonderful about flowers.



GARDENER BADGE

Creating a bright bouquet of fresh flowers, making a dish with garden—fresh herbs, growing a little green cheer inside with houseplants—these are all things a gardener gets to do. In this badge, dig your hands into the earth and spend time with soil, water, and sunlight to find out how to help life grow from a tiny seed. You can make your own garden—no matter where you live!

Steps:

1. Visit a garden
2. Explore a garden design
3. Learn how to choose garden plants
4. Experiment with seeds
5. Grow your own garden

Purpose: When I've earned this badge, I'll know how to help plants and flowers grow.



GEOCACHER BADGE

Geocaching is your chance to be part global explorer, part detective. You'll search for treasure chests, known as "geocaches," using a device called a GPS receiver to find each chest's secret hiding place. Get ready for a thrilling adventure!

Steps:

1. Prepare for your adventure
2. Learn to use a GPS receiver
3. Make a trade item
4. Go on a geocaching adventure
5. Take part in a bug's travels!

Purpose: When I've earned this badge, I'll know how to have a geocaching adventure.



GIRL SCOUT WAY BADGE

As a Girl Scout Junior, you're on an adventure to find your own path through the world. Our sisterhood is full of traditions to help guide you. In this badge, share activities and spirit that's a century strong and growing stronger every day—because of Girl Scout stars like you!

Steps:

1. Match songs to an occasion
2. Celebrate the Girl Scout birthday (March 12)
3. Share sisterhood
4. Leave a place better than you found it
5. Enjoy Girl Scout traditions!

Purpose: When I've earned this badge, I'll know how to use the Girl Scout ways and traditions to make the world a better place.



HORSEBACK RIDING BADGE

Riding a horse is one of the most exciting things you can do. But ask a good horseback rider her secret to success and she'll say that understanding a horse is as important as learning to ride one. Get clued in to horses, and get ready to ride!

Steps:

1. Know the basics of horseback riding
2. Take care of a horse and learn about safety
3. Prepare for your ride
4. Practice your ride
5. Go for a ride

Purpose: When I've earned this badge, I'll know what it takes to be a good rider—from understanding horse body language to controlling the horse's speed while I'm riding.



INDEPENDENCE BADGE

As you grow up, it's time to start taking care of yourself. It's a big task, but it can be fun to get to know yourself and what you're capable of! These steps will start you on the road to riding solo, so you can feel confident on your own, show your family they can trust you, and get comfortable striding down your path to changing the world!

Steps:

1. Get transportation smart
2. Make your clothes look great
3. Break a bad habit
4. Help around the house
5. Show off your independence!

Purpose: When I've earned this badge, I'll feel more confident doing things on my own—and know how to help others be confident in me.



INSIDE GOVERNMENT BADGE

Do you ever wonder exactly what government is and what it does? Active citizens should know the basics of government, so here's your chance to go behind the scenes. In this badge, you'll explore laws that affect you every day, meet people who work in government, and be active in government yourself!

Steps:

1. Decide what being an active citizen means to you
2. Go inside government
3. Look into laws
4. Report on the issues
5. Get involved in government

Purpose: When I've earned this badge, I'll now more about how government is run.



MARKETING BADGE

Want more sparkle in your life? Try making jewelry! It's easy and inexpensive to do. You can design necklaces, bracelets, or earrings for yourself or to give to other people. Try this badge and you'll have created something wonderful to wear in no time.

Steps:

1. Get to know the tools of the trade
2. Make jewelry with metal
3. Turn everyday objects into jewelry
4. Create jewelry inspired by another culture
5. Make a sparkling gift

Purpose: When I've earned this badge, I'll know how to make different kinds of jewelry.



MECHANICAL ENGINEERING: BALLOON CAR DESIGN CHALLENGE BADGE

In the Balloon Car Design Challenge, Juniors explore potential and kinetic energy and jet propulsion. They apply what they've learned to design a balloon-powered car.

Steps:

1. Learn about jet propulsion, potential and kinetic energy
2. Design and build a balloon-powered car
3. Test your balloon-powered car
4. Analyze and share your results
5. Brainstorm ways to improve your design

Purpose: When I've earned this badge, I can give service by encouraging my friends and Girl Scout sisters to explore science and engineering, using the Design Thinking Process to solve problems for others, and teaching others about the science concepts I learned such as jet propulsion, thrust, and potential and kinetic energy.



MECHANICAL ENGINEERING: CRANE DESIGN CHALLENGE BADGE

In the Crane Design Challenge badge, Juniors explore simple and compound machines and apply what they've learned to design and build a crane.

Steps:

1. Explore simple and compound machines
2. Design and build a crane
3. Test your crane
4. Analyze and share your results
5. Brainstorm ways to improve your design

Purpose: When I've earned this badge, I can give service by encouraging my friends and Girl Scout sisters to explore science and engineering, using the Design Thinking Process to solve problems in my community, and teaching others about simple and compound machines or the Design Thinking Process.



MECHANICAL ENGINEERING: PADDLE BOAT DESIGN CHALLENGE BADGE

In this Paddle Boat Design Challenge badge, Juniors explore buoyancy (why things float), as well as potential and kinetic energy, to design and build a rubber band-powered paddle boat.

Steps:

1. Explore how paddle boats work
2. Design and build a rubber band-powered paddle boat
3. Test your rubber band-powered paddle boat
4. Analyze and share your results
5. Brainstorm ways to improve your design

Purpose: When I've earned this badge, I can give service by encouraging my friends and Girl Scout sisters to explore science and engineering, using the Design Thinking Process to solve problems for others, and teaching others about potential energy, kinetic energy, and buoyancy.



MUSICIAN BADGE

Just about everyone loves music and making it is just as fun as listening to it! Whether you're already a musical, or you just want to see what it's like to make sounds on an instrument, there's something for you in this badge.

Steps:

1. Explore how music is made
2. Travel around the world of music
3. Check out the music in your life
4. Make your own music
5. Perform your music

Purpose: When I've earned this badge, I'll know how music is made and how to perform music myself.



OUTDOOR ART EXPLORER

From murals on buildings to oil paintings of landscapes, art and the outdoors go hand in hand. Let nature be your inspiration as you explore, create, and design different kinds of art.

Steps:

1. Explore outdoor art
2. Make something!
3. Find music in nature
4. Be a nature photographer
5. Design with nature

Purpose: When I've earned this badge, I will know how to find the art in nature and create my own outdoor artwork.



PLAYING THE PAST BADGE (HISTORICAL WOMEN)

Dream up a character a girl or woman who lived in another time period. Maybe a poodle-skirt-wearing Girl Scout from the 1950's, a Wild West cowgirl, a medieval duchess, or a Japanese princess from long ago? You can be someone who really existed or a historical woman from your imagination. Give yourself a new name and get ready to live history!

Steps:

1. Decide who you are
2. Create a costume
3. Experience daily life
4. Have some old-fashioned fun
5. Become your character

Purpose: When I've earned this badge, I'll know how girls of the past lived, worked, and played.



PRACTICE WITH PURPOSE BADGE

Even the best athletes weren't born great at sports: They had to practice with purpose. Have fun with these activities as you learn to improve a skill-no matter what track, court, rink, pool, slope, or field you like to play on. Game on!

Steps:

1. Decide on your goal
2. Increase your endurance
3. Build up your strength
4. Drill for skill
5. Practice, practice, practice

Purpose: When I've earned this badge, I'll know how to set a sports goal and practice to achieve it.



PRODUCT DESIGNER BADGE

A product is anything developed by one person for another. An innovation is an invention that improves people's lives, like a smartphone or a waterproof fabric for a tent. Some innovations are entirely new, and some take a product that already exists and make it better. In this badge, you'll come up with an innovation product!

Steps:

1. Observe what makes a great product
2. Be an innovation detective
3. Figure out what's working and what's not
4. Innovate to find solutions
5. Mess up so you can try again!

Purpose: When I've earned this badge, I'll know how to think like a product designer.



ROBOTICS: PROGRAMMING ROBOTS BADGE

In Programming Robots, Juniors are introduced to programming through activities that explore simple machines, computer science, and computational thinking. Juniors discover how robots act on instructions as they create their own programs. This is the first Robotics badge in the progression for Juniors.

Steps:

1. Learn how robots work
2. Discover the robot brain
3. Learn about programming
4. Try simple programming (Algorithms)
5. Code a robot

Purpose: When I've earned this badge, I can share with others what I've learned about the human and robot brain, create algorithms to teach others about something I am good at, and encourage others to learn how to code.



ROBOTICS: DESIGNING ROBOTS BADGE

In Designing Robots, Juniors explore artificial intelligence and create a prototype of a robot. They define a global problem that their robot can fix, brainstorm what features and parts their robot might need, design their robots, and create prototypes. Juniors also share their robots with one another to practice giving and receiving feedback. Girls should complete Programming Robots before earning Designing Robots.

Steps:

1. Discover the future of robots
2. Determine your robot's expertise
3. Plan your robot
4. Create a prototype
5. Get feedback on your robot

Purpose: When I've earned this badge, I can service by telling others what I learned about artificial intelligence, sharing with someone else how to make a prototype, and teaching others my special talent using the algorithm I created.



ROBOTICS: SHOWCASING ROBOTS BADGE

In Showcasing Robots, Juniors explore ways to share their robots with others. They also look at robotics competitions and teams, learning from experts and members of robotics teams as they see how robots are made and used. Programming Robots and Designing Robots badges should be earned before Showcasing Robots.

Steps:

1. Create a presentation to share how you designed your robot!
2. Tell others how you designed your robot
3. Learn about robotics competitions
4. Learn about robotics teams
5. See robots in action

Purpose: When I've earned this badge, I can give service by sharing my robot presentation with others, telling others what I learned about robotics competitions, and run a workshop for Brownies and Daisies about how to work together as a team.



SAVVY SHOPPER BADGE

Food and water, clean clothes, a place to live—these are things everyone needs. A closet full of shoes, a new desk, tickets to a movie: These are things people want. But how do you figure out what you need and what you want? You might find it's not as easy as you think!

Steps:

1. Explore your needs and wants
2. Look into why you want what you want
3. Find out what makes people happy (or not!) with what they buy
4. Learn how to decide what to buy
5. Make a plan to buy something you need or want

Purpose: When I've earned this badge, I'll know the difference between what I need and what I want—and I'll be able to smartly save money for both



SCRIBE BADGE (STORYTELLING)

Words are powerful tools. Great writing can make people feel encouraged, entertained, or excited. It can create fantasy worlds or preserve events from history. And just writing down your feelings actually makes you feel better! In this badge, find out what you can do with words.

Steps:

1. Start with a poem
2. Create a short story
3. Use words to share who you are
4. Write an article
5. Tell the world what you think

Purpose: When I've earned this badge, I'll know how to write different kinds of stories—both true tales and ideas from my imagination.



SIMPLE MEALS BADGE

There's steam and bubbles, interesting tools, and amazing smells...and lots of room for experiments. And it's not a laboratory—it's your own kitchen! Use these steps to make amazing meals and learn to create a whole meal of your own.

Steps:

1. Step up your skills with a pro
2. Whip up a great breakfast
3. Fix a healthy lunch or dinner
4. Create a delicious dessert
5. Make your own meal

Purpose: When I've earned this badge, I'll know how to serve up a meal for my family and friends.



STAYING FIT BADGE

You need a fit body and mind to do all your favorite things, from roller skating to writing in your diary to sharing advice with friends. Jump into this badge to figure out what fitness, food, and fun you need to stay strong for life.

Steps:

1. Start moving!
2. Keep your fit body fueled
3. Know how to stress less
4. Get the truth about health
5. Help your family stay fit

Purpose: When I've earned this badge, I'll know what I need to get strong and stay that way.



SOCIAL BUTTERFLY BADGE (ETIQUETTE AND MANNERS)

Have you ever found yourself in a group or place where you didn't know how to act? It happens to everyone. In this badge, have fun practicing the social style and good manners that will make you comfortable in any situation.

Steps:

1. Hold a conversation
2. Use table manners
3. Be prepared for special occasions
4. Say thank you
5. Practice being at ease

Purpose: When I've earned this badge, I'll know how to act at many types of events, from picnics to weddings to parties.



IT'S YOUR STORY—TELL IT! A WORLD OF GIRLS JOURNEY AWARD

Exploring new roles and busting stereotypes are just two of the activities Juniors enjoy on the *aMUSE* Journey. Whether it's role-playing, speaking to actors about their characters, or starting a "mix-it-up" day to meet new classmates, girls develop increased confidence and inspire others.



IT'S YOUR PLANET—LOVE IT! GET MOVING! JOURNEY AWARD

As part of *GET MOVING!* Juniors go for nature walks, interview power-use experts, and conduct energy audits of local buildings. They take action by launching carpools, working to dim the lights on city buildings, and promoting energy savings at school.



IT'S YOUR WORLD—CHANGE IT! AGENT OF CHANGE JOURNEY AWARD

As they explore their own talents and learn about women who have made the world better, Juniors following *Agent of Change* also discover the benefits of teamwork—whether it's talking about energy use, helping a local food bank, or using their unique talents in other ways.



OUTDOOR JOURNEY AWARD

Anchored by the Troop Camping badge, our Outdoor Journey will strengthen girls' outdoor skills and ignite their interest in environmental stewardship. The Junior Outdoor Journey consists of three badges—Animal Habitats, Camper, Eco Camper, and the completion of a Take Action Project.



THINK LIKE AN ENGINEER JOURNEY AWARD

Through a series of activities and engineering challenges using readily available items, Juniors learn how engineers use the Design Thinking Process to solve problems and do a hands-on Design Challenges like creating strong paper structures and emergency shelters. This Journey culminates in a Take Action Project designed by the Troop.



THINK LIKE A PROGRAMMER JOURNEY AWARD

To get started, girls explore computational thinking by creating algorithms to make images with tangrams. Girls will learn that there are lots of ways to use an algorithm if you keep it simple. However, if you want to make sure everyone ends up with the same thing, then your algorithm needs more detail. Then girls will explore more about algorithms, abstraction, functions, and variables through fun activities and come away with an understanding of important skills for a computer scientist. This Journey culminates in a Take Action Project designed by the Troop.



THINK LIKE A CITIZEN SCIENTIST JOURNEY AWARD

Juniors sharpen their observation skills through activities that challenge them to notice changes and describe a group of items. Girls learn why it is important for scientists to use observation and are introduced to citizen science. Juniors take field notes about animal tracks and learn to collect and analyzing data over time. They will choose and complete a citizen science project. This Journey culminates in a Take Action project designed by the Troop.