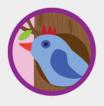


### **AWARD/BADGE**

#### **DESCRIPTION**



#### **Animal Habitats**

Junior (Grades 4-5) STEM Outdoors Find out more about where animals live, how they play, and how humans can help them.

- 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

When you've earned this badge, you will know more about wild animals and how to protect their homes.

### **GET THIS BADGE**



**Business Owner** 

Junior (Grades 4-5) Entrepreneurship Financial Literacy Find out how you can turn something you love into a successful business.

- 1. Explore a business 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 great customer service
- 5. Understand the importance of consumer research

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

#### **GET THIS BADGE**



#### Camper

Junior (Grades 4-5) Outdoors Find out how to plan a camping adventure.

- 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!

When you've earned this badge, you'll know how to have a great overnight camping trip at a campsite or cabin.



### **AWARD/BADGE**

#### **DESCRIPTION**



Coding for Good 1: Coding Basics

Junior (Grades 4-5) STEM Find out how programmers write computer programs for computers to solve problems.

- 1. Create algorithms for a computer that follow a sequence
- 2. Use loops to improve your algorithm
- 3. Keep your code interesting with conditionals
- 4. Create your own set of commands that use conditionals
- 5. Learn about women in computer science

When you've earned this badge, you'll know how programmers write computer programs and how people can use computers to help others.

#### **GET THIS BADGE**



Coding for Good 2: Digital Game Design

Junior (Grades 4-5) STEM Find out how programmers create a video game that is fun and helps solve a problem.

- 1. Discover how game design can be used "for good"
- 2. Explore tools used to develop digital games
- 3. Plan a maze game
- 4. Build, test, and improve your maze game using iteration
- 5. Share your game with others

When you've earned this badge, you'll know how to use iteration to plan, build, and test a game "for good."

#### **GET THIS BADGE**



Coding for Good 3: App Development

Junior (Grades 4-5) STEM Design your own idea for an app that solves a problem.

- 1. Discover the needs of others
- 2. Decompose the needs of your app user
- 3. Design your app screens
- 4. Include conditionals in your app design
- 5. Share and improve your app with user feedback

When you've earned this badge, you'll know how to use user-centered design to create an app.



#### **AWARD/BADGE**

#### **DESCRIPTION**



When you sell Girl Scout Cookies, you're already running your own business-and you can earn this badge for it!

- 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

#### **Cookie CEO**

Junior (Grades 4-5) Financial Literacy Entrepreneurship When you've earned this badge, you'll know more about how to run all parts of your cookie business.

#### **GET THIS BADGE**



Use what you learn from your customers to make your cookie business even stronger!

- 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

When you've earned this badge, you'll have a better understanding of your cookie customers.

### GET THIS BADGE

### **Customer Insights**

Junior (Grades 4-5) Entrepreneurship Financial Literacy



Find out how computers talk to each other.

- 1. Find out how computers read information
- 2. Discover how networks work
- 3. Find out what protocols are and create one
- 4. Explore computer communication protocol
- 5. Find out what malware is

When you've earned this badge, you'll know the basics of cybersecurity and how computers communicate.

#### **GET THIS BADGE**

### Cybersecurity 1: Basics

Junior (Grades 4-5) STEM



### **AWARD/BADGE**

#### **DESCRIPTION**



Cybersecurity 2: Safeguards

Junior (Grades 4-5) STEM Find out how to keep your online identity safe.

- 1. Create and protect a username
- 2. Create and protect a password
- 3. Discover how you share information and what to share
- 4. Find out how information online can last forever
- 5. Find out who is trustworthy online

When you've earned this badge, you'll know know how to protect your online identity and stay safe online.

#### **GET THIS BADGE**



Cybersecurity 3: Investigator

Junior (Grades 4-5) STEM Become a cybersecurity investigator and learn how to spot threats online.

- 1. Create and crack a shift cipher code
- 2. Find out how updates can help your security
- 3. Explore identity theft
- 4. Find out what to do if your identity is stolen
- 5. Investigate if a message is real or fake

When you've earned this badge, you'll know how computers use codes to communicate and how to spot cyber crime.

#### **GET THIS BADGE**



**Detective** 

Junior (Grades 4-5) STEM Try out the skills that make great detectives.

- 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!

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



### **AWARD/BADGE**

#### **DESCRIPTION**



phone, tablet, laptop, or digital camera.

- 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

#### **Digital Photographer**

Junior (Grades 4-5) STEM Life Skills Art When you've earned this badge, you'll know how to use a digital camera to create one-of-a-kind photos.

Find out how to capture a winning photo with your digital device, whether you're using a

#### **GET THIS BADGE**



Learn techniques to make your drawings even better.

- 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!

When you've earned this badge, you'll know some great drawing techniques.

### **Drawing**

Junior (Grades 4-5) Art Life Skills

#### **GET THIS BADGE**



Find out how to protect the environment when you go on a camping trip.

- 1. Learn the Leave No Trace Seven 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

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

#### **Eco Camper**

Junior (Grades 4-5) Outdoors



### **AWARD/BADGE**

#### **DESCRIPTION**



Entertainment Technology

Junior (Grades 4-5) STEM Art Explore the ins and outs of entertainment technology.

- 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

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

#### **GET THIS BADGE**



**Flowers** 

Junior (Grades 4-5) Outdoors Discover that there's more to flowers than just good looks.

- 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

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

#### **GET THIS BADGE**



**Gardener** 

Junior (Grades 4-5) Outdoors Life Skills Find out how to make your own garden, no matter where you live.

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

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



### **AWARD/BADGE**

#### **DESCRIPTION**



1. Prepare for your adventure

device called a GPS receiver.

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!

#### Geocacher

Junior (Grades 4-5) Outdoors

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

Find out about geocaching. You'll search for treasure chests, called "geocaches," using a

#### **GET THIS BADGE**



Find out about horse behavior and riding basics.

- 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

When you've earned this badge, you'll know what it takes to be a good rider-from understanding horse body language to controlling the horse's speed while you're riding.

#### **Horseback Riding**

Junior (Grades 4-5) Outdoors

#### **GET THIS BADGE**



- 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!

Independence

Junior (Grades 4-5) Life Skills

When you've earned this badge, you'll feel more confident doing things on your own-and know how to help others be confident in you.

Get to know yourself and what you're capable of so you can feel confident on your own.



### AWARD/BADGE

#### **DESCRIPTION**



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

#### **Inside Government**

Junior (Grades 4-5) Citizenship Life Skills

When you've earned this badge, you'll know more about how government is run.

Find out more about the basics of government and start to become an active citizen.

#### **GET THIS BADGE**



Discover different ways to make jewelry.

- 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

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

#### **GET THIS BADGE**

#### **Jeweler**

Junior (Grades 4-5) Art Life Skills



In this Journey, you will:

- 1. Explore how powerful individual women have been throughout history, how your own individual powers can be linked together to create a powerful team, and how your team power can become community power.
- 2. Plan a Take Action project that helps others. More Details >

#### **Journey: Agent of** Change

Junior (Grades 4-5) Life Skills Journey

Learn more about how to earn your Take Action Award - and help your community - with the Girl Scout Take Action Guide. Then use your leadership skills to earn your Bronze Award, the highest award for Girl Scout Juniors!

**Get This Journey** 



### **AWARD/BADGE**

#### **DESCRIPTION**



Journey: GET MOVING!

Junior (Grades 4-5) STEM Journey In this Journey, you will:

- 1. Explore energy and how to use it wisely by interviewing power-use experts and conducting an energy audits of a building in your community.
- 2. Plan a Take Action project to fix an energy problem in your community. Your could launch carpools, work to dim the lights on city buildings, or promote energy savings at your school. More Details →

#### **Get This Journey**



Journey: Outdoor (Junior)

Junior (Grades 4-5) Journey Outdoors In this Journey, you will:

- 1. Deepen your outdoor skills when you earn your Animal Habitat, Camper, and Eco Camper badges.
- 2. Plan a Take Action project that helps make your favorite park, beach, or forest a better place for everyone. **More Details →**

Learn more about how to earn your Take Action Award - and help your community - with the Girl Scout Take Action Guide. Then use your leadership skills to earn your Bronze Award, the highest award for Girl Scout Juniors!

#### **Get This Journey**



Journey: Think Like a Citizen Scientist

> Junior (Grades 4-5) STEM Journey

In this Journey, you will:

- 1. Find out how citizen scientists make observations, collect data, and work with scientists to receive feedback on research.
- 2. Do 3 citizen science activities: sharpen your observation skills through 2 observation games and a SciStarter project. **More Details →**

Learn more about how to earn your Take Action Award - and help your community - with the **Girl Scout Take Action Guide**. Then use your leadership skills to earn your Bronze Award, the highest award for Girl Scout Juniors!

**Get This Journey** 



#### **AWARD/BADGE**

#### **DESCRIPTION**



In this Journey, you will:

- 1. Find out how programmers use computational thinking to solve problems.
- 2. Do 3 computational thinking activities: create algorithms to make images with tangrams; create mad libs and craft suncatchers to learn more about algorithms, abstraction, functions, and variables; and create a personal innovation to discover rapid prototyping. More Details →

#### Journey: Think Like a Programmer

Junior (Grades 4-5) STEM Journey Learn more about how to earn your Take Action Award - and help your community - with the **Girl Scout Take Action Guide**. Then use your leadership skills to earn your Bronze Award, the highest award for Girl Scout Juniors!

#### **Get This Journey**



In this Journey, you will:

- 1. Find out how engineers use design thinking to solve problems
- 2. Do 3 design thinking activities: design and build a paper structure that can support the weight of heavy books, an emergency shelter, and a prototype of a structure that can withstand an earthquake's shaking. More Details →

# Journey: Think Like an Engineer

Junior (Grades 4-5) STEM Journey Learn more about how to earn your Take Action Award - and help your community - with the **Girl Scout Take Action Guide**. Then use your leadership skills to earn your Bronze Award, the highest award for Girl Scout Juniors!

#### **Get This Journey**



Journey: aMUSE

Junior (Grades 4-5) Life Skills Journey In this Journey, you will:

- 1. Explore roles you play in your life and try on new ones-play a role-playing game, invite actors to talk about the characters they've played, or learn to spot stereotypes on TV, in movies, or in ads.
- 2. Plan a Take Action Project, such as putting on a performance that creatively urges an end to stereotyping, drawing a graphic novel to share with younger girls, or starting a "mix it up" day in the school cafeteria and having girls sit with new people. More Details >

**Get This Journey** 



### **AWARD/BADGE**

#### **DESCRIPTION**



Junior First Aid

Junior (Grades 4-5) Life Skills Art Find out how to help people when they're ill or injured and learn how to respond during an emergency.

- 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

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

#### **GET THIS BADGE**



Junior Girl Scout Way

Junior (Grades 4-5) Citizenship Life Skills Find out about Girl Scout traditions and share activities and spirit that are a century strong.

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

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

#### **GET THIS BADGE**



Junior Snow or Climbing Adventure

Junior (Grades 4-5) Outdoors Choose your adventure: Go downhill skiing/snowboarding, or recreational tree climbing.

- 1. Choose your outdoor adventure
- 2. Plan and prepare
- 3. Gather your gear
- 4. Set a goal and train for your adventure
- 5. Go on your outdoor adventure

When you've earned this badge, you'll have learned the skills-and experienced-downhill skiing, snowboarding, or recreational tree climbing.



### **AWARD/BADGE**

#### **DESCRIPTION**



Junior Trail Adventure

Junior (Grades 4-5) Outdoors Choose your adventure: Go on a trail run for a distance that challenges you, or train for and go on three separate day hikes.

- 1. Choose your outdoor adventure
- 2. Plan and prepare
- 3. Gather your gear
- 4. Set a goal and train for your adventure
- 5. Go on your outdoor adventure

When you've earned this badge, you'll have planned and learned the skills for trail running or three separate day hikes.

#### **GET THIS BADGE**



Mechanical Engineering: Balloon Car

Junior (Grades 4-5) STEM Learn about air power and create an alternative fuel car.

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

When you've earned this badge, you'll know how to engineer a balloon-powered car and understand potential energy, kinetic energy, and jet propulsion.

#### **GET THIS BADGE**



Mechanical Engineering: Crane

Junior (Grades 4-5) STEM Learn about simple machines and how they work together as you build your own heavy-lifting crane.

- 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

When you've earned this badge, you'll know how to build and test a crane and understand simple and compound machines.



### **AWARD/BADGE**

#### **DESCRIPTION**



Mechanical Engineering: Paddle Boat

Junior (Grades 4-5) STEM Explore how paddle boats work and engineer your own paddle boat.

- 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

When you've earned this badge, you'll know how to build and test a paddle boat and understand buoyancy, potential energy, and kinetic energy.

#### **GET THIS BADGE**



Musician

Junior (Grades 4-5) Art Life Skills Find out more about the fun of making music.

- 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

When you've earned this badge, you'll know how music is made and how to perform music yourself.

#### **GET THIS BADGE**



**Outdoor Art Explorer** 

Junior (Grades 4-5) Outdoors Art Let nature be your inspiration as you explore, create, and design different kinds of art.

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

When you've earned this badge, you will know how to find the art in nature and create your own outdoor artwork.



### **AWARD/BADGE**

#### **DESCRIPTION**



Junior (Grades 4-5) Life Skills

**Playing the Past** 

Explore what it was like to live in the past. Dream up a character and get ready to live history!

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

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

#### **GET THIS BADGE**



Practice with Purpose

Junior (Grades 4-5) Life Skills Have fun with athletics as you learn to improve a skill.

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

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

#### **GET THIS BADGE**



**Product Designer** 

Junior (Grades 4-5) Entrepreneurship Find out what it takes to make an innovative product and come up with one of your own.

- 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!

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



#### **AWARD/BADGE**

#### **DESCRIPTION**



# Robotics 1: Programming Robots

Junior (Grades 4-5) STEM Engineer a simple machine that helps a robot land, learn about the robot brain, and create programs for your friends.

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

When you've earned this badge, you'll know how robots receive instructions in a way similar to the human brain. You will be able to create simple programs that could be run by a robot.

#### **GET THIS BADGE**



### Robotics 2: Designing Robots

Junior (Grades 4-5) STEM Plan and build a prototype of a robot that solves a global problem.

- 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

When you've earned this badge, you'll know how to plan, build, and share feedback like an engineer by creating a prototype of a robot that solves a global problem.

#### **GET THIS BADGE**



### Robotics 3: Showcasing Robots

Junior (Grades 4-5) STEM Now that you have your robot prototype, create a presentation and share your design with others. Then, find out about robot teams and competitions.

- 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 More Details →



#### **AWARD/BADGE**

#### **DESCRIPTION**



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

When you've earned this badge, you'll know the difference between what you need and what you want-and you'll be able to wisely save money for both.

Explore the difference between needs and wants, and learn how to save for both.

### **Savvy Shopper**

Junior (Grades 4-5) Life Skills **Financial Literacy** 

#### **GET THIS BADGE**



Explore what you can do with words and find out how you can encourage, entertain, and excite people with your writing.

- 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

When you've earned this badge, you'll know how to write different kinds of stories-both true tales and ideas from your imagination.

#### **Scribe**

Junior (Grades 4-5) Art Life Skills

#### **GET THIS BADGE**



Make amazing meals and learn to create a whole meal of your own.

- 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

When you've earned this badge, you'll know how to serve up a meal for your family and friends.

#### **Simple Meals**

Junior (Grades 4-5) Health Life Skills



### **AWARD/BADGE**

#### **DESCRIPTION**



Social Butterfly

Junior (Grades 4-5) Relationships Life Skills Have fun practicing the social style and good manners that will make you comfortable in any situation.

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

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

#### **GET THIS BADGE**



Space Science Investigator

Junior (Grades 4-5) STEM Venture through the Solar System and beyond, and see that space is even bigger than you may have imagined.

- 1. Model the Solar System
- 2. Circle the Sun
- 3. Discover the stars
- 4. Use the tools to explore
- 5. Share your sky

When you've earned this badge, you'll understand that the Earth orbits the Sun, and how far away the Sun, Moon, planets, and stars are from our home planet, Earth.

#### **GET THIS BADGE**



**Staying Fit** 

Junior (Grades 4-5) Health Life Skills Figure out what fitness, food, and fun you need to stay strong for life.

- 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

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