

# **STEM Career Explorer Badge Worksheets**

**girl scouts**   
of greater atlanta

**Daisies, Brownies, & Juniors**

**Designed to supplement  
GSGATL's virtual STEM  
Career Panels**

# Badge Details

In order to earn your STEM Career Explorer Badge, you must complete 3-5 specific steps. We've included the steps for all Girl Scout levels below, plus some fun worksheets to help you with different activities.

Each STEM Career Explorer badge includes a step about speaking to a STEM professional. In order to help you earn that step, Girl Scouts of Greater Atlanta hosts a monthly STEM Career Panel series. [Check out our events calendar for upcoming panel topics!](#)



## Daisy STEM Career Exploration

Find out how the things you love can become a part of your future.

1. Discover STEM
2. Explore your future
3. Learn about a STEM career

When you've earned this badge, you'll know what STEM is. You'll also know how you can use STEM to help other people, animals, and the planet.

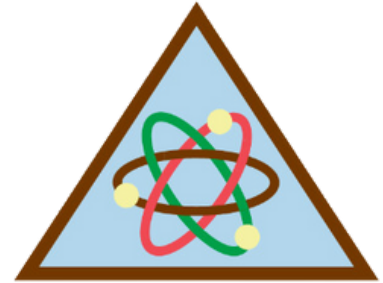


# Badge Details

## Brownie STEM Career Exploration

Find out how all the things you love—like camping, baking, and walking your dog—can become a job that changes the world. Then, create a plan to turn your dreams into a reality!

1. Explore your interests
2. Discover the possibilities
3. Learn about the day-to-day
4. Brainstorm your next steps
5. Share your goals



When you've earned this badge, you'll know how to use STEM to help others.



## Junior STEM Career Exploration

Explore what you're interested in and what you care about. Then, create a plan for how you'll change the world!



1. Explore your interests
2. Discover the possibilities
3. Learn about the day-to-day
4. Brainstorm your next steps
5. Share your goals

When you've earned this badge, you'll know about STEM careers that make the world a better place.



# Daisies

## Step 1: Discover STEM

STEM stands for Science, Technology, Engineering, and Math. Draw a picture for each of these words!

**Science**

Think about people who work with animals, plants, nature, space, our bodies, and more!

**Technology**

Technology is all around us- our phones, computers, and even robots.

**Engineering**

Engineers build things to solve problems. You can be an engineer by building something with blocks or legos!

**Math**

Math can be used in surprising ways. Measuring ingredients for a recipe, counting heart beats or looking for patterns in a plant.

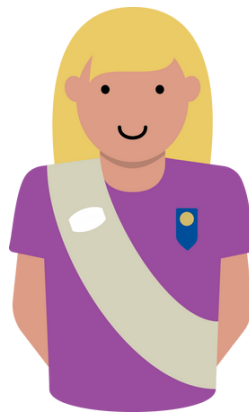
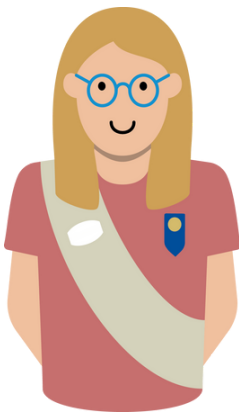


# Daisies

## Step 2: Explore Your Future

Think about jobs in different STEM fields. What kind of tools do people need for these jobs? For example, a doctor might need a stethoscope to listen to your heart, or a carpenter might need a hammer to build something.

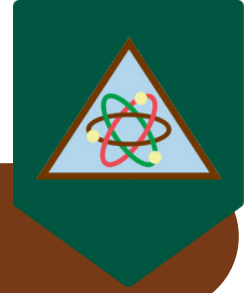
Choose 6 different STEM jobs and give one to each Girl Scout below. Draw different accessories to go with each job. Be sure the Daisy has YOUR favorite STEM job! Remember, Girl Scouts can be anything they dream of!



Bonus: host a STEM job fashion show! Dress up as different STEM jobs and have your troop, family, or friends guess each job.

## Step 3: Learn about a STEM Career

You complete this step by participating in two STEM Career Panels!



# Brownies

## Step 1: Explore Your Interests

Make a list or draw your superpowers! What are your skills or special tools? What can you do to make the world a better place? Talk to an adult about what kinds of STEM areas might match.

Answer these questions to get started:

- What kind of superhero would you like to be?
- What do you like to do at school? For fun?
- What's something you'd want to do every day?
- What are you good at?
- What books do you like to read?

## My Super Powers



.....



.....



.....

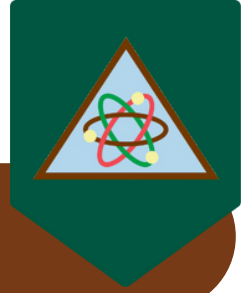


.....

## Step 2: Discover the Possibilities

## Step 3: Learn About the Day-to-Day

You complete these steps by participating in two STEM Career Panels!



# Brownies

## Step 4: Brainstorm Your Next Steps

Think about STEM topics that interest you. What new things do you want to try or skills do you want to practice? List or draw five new things to try out in each of these places!

At school

With your  
Girl Scout  
Troop or  
friends

That helps  
others

That is  
brand new  
to you

With your  
family

## Step 5: Share Your Goals

Talk to your Girl Scout Troop, Troop Leader, or parents about these new ideas! They can help you explore these subjects more.



# Juniors

## Step 1: Explore Your Interests

Make a list of things that you enjoy doing. What would you if you had a day to yourself, with no schedule or plans?

Then, “mix & match” your favorite activities to discover new jobs you might love!

### Things I Love To Do



.....



.....



.....



.....



.....



.....



.....



.....

If you like...	And...	You might like a career...
Baking	Taking care of animals	Creating healthy treat recipes for pets!





# Juniors

**Step 2: Discover the Possibilities**

**Step 3: Learn About the Day-to-Day**

You complete these steps by participating in two STEM Career Panels!

## Step 4: Brainstorm Your Next Steps

Think about STEM careers that interest you. What new things do you want to try or skills do you want to practice? Trying out new things is a great way to learn about a new subject. List five new things to try out!

1

2

3

4

5



# Juniors

## Goal Setting

Setting goals can sometimes be tricky! You want to challenge yourself, but be realistic. We recommend setting SMART goals!

- Specific: what exactly is your goal?
- Measurable: how do you know you've accomplished this goal?
- Attainable: can you do this with the resources available to you?
- Realistic: is your goal too big for starting off?
- Time-Based: how long will it take to accomplish this goal?



## Step 5: Share Your Goals

Talk to your Girl Scout Troop, Troop Leader, or parents about these new ideas! They can help you explore these subjects more.