



# STEM Careers

STEM has helped us discover things smaller than our eyes can see to things as big as planets far away and Girl Scout STEM badges help Girl Scouts discover how they can take on some big challenges and problems that we face – and solve them!

At AT&T, STEM education is increasingly important to their business -- because STEM drives innovation and innovation drives the economy. In this patch program, Girl Scouts learn about STEM Careers at this modern media company that provides their customers around the world with connectivity, technology, entertainment, news, advertising, and more. After watching the program, Girl Scouts will continue the learning by completing the activities in this guide.

## Steps:

1. Watch the STEM Careers with AT&T program
2. Complete this activity guide
3. Share your vision board and request your patch!

## Materials:

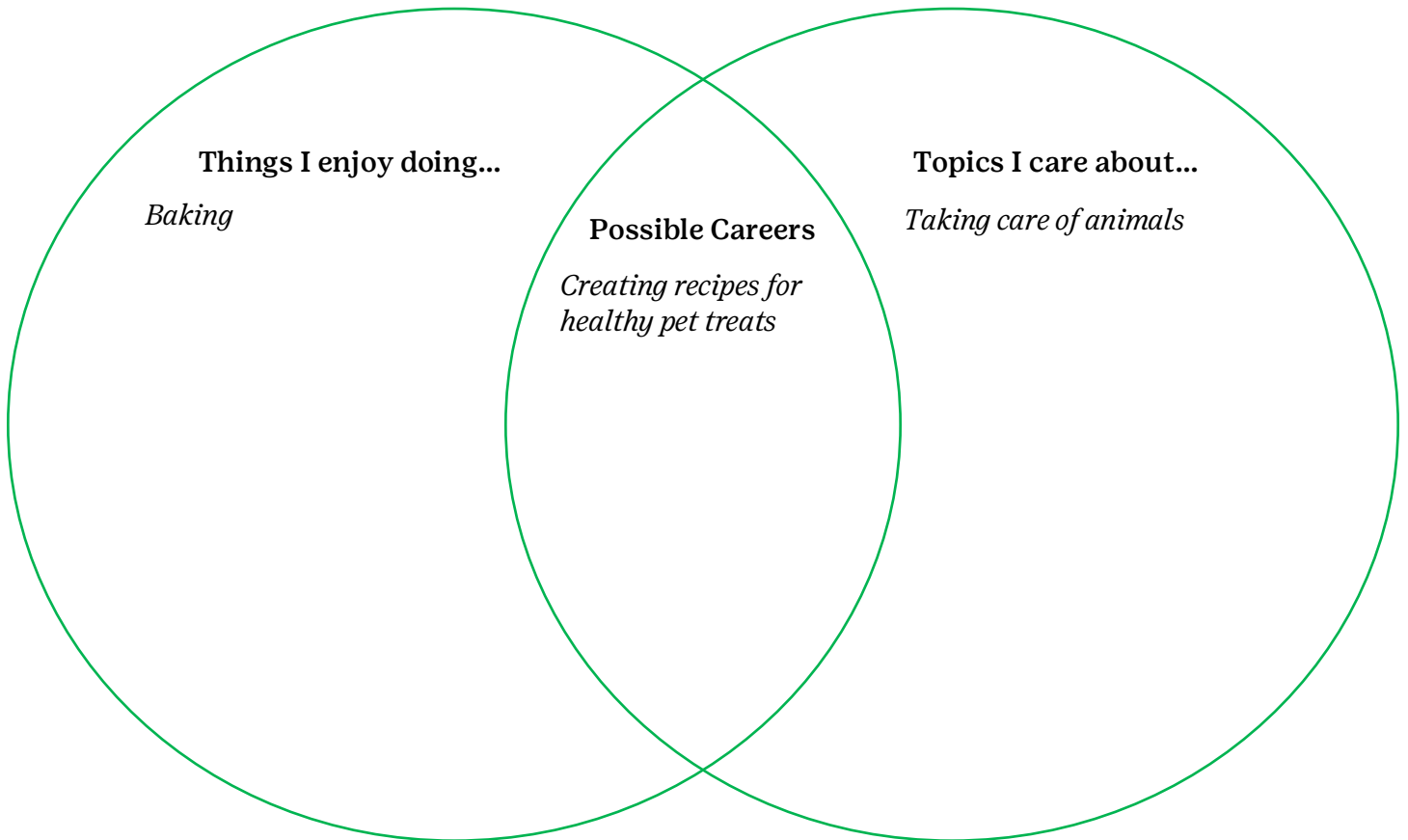
- Paper or a printed version of this guide
- Something to write or draw with

### Optional:

- Old magazines
- Printed STEM images off the internet

## 1. Explore Your Interests

Do you have a favorite hobby? Maybe something that you are passionate about? Let's brainstorm how you can combine your interests to create your dream career. Use this graphic organizer to brainstorm what you like doing, what you care about, and then see where they could overlap!



Reflect: Which of these careers connect to science, technology, engineering, or math?

## 2. Solve Problems with STEM

You met several inspiring women in our STEM careers panel that spend their days solving problems for people around the world. Write down one way you heard that they are solving problems in their jobs.

Now let's brainstorm some other problems that STEM careers can solve! Chat with a friend, family member, or fellow Girl Scout about each of these STEM career fields and how they can make the world a better place. Use the chart below to write down your ideas to inspire you!

Computer Science	Health & Wellness	Engineering	Food & Agriculture	Creative Technology & Design	Nature & the Environment

### 3. Imagine Your Future

Let's create a vision board of what a future career could look like for you. Gather some magazines, print pictures or words off the internet, or draw your own images and words that showcase what your future STEM career could be.

### 4. Make a Plan to Learn More

Starting to feel inspired by STEM and possibilities of your future? Let's keep that excitement going! Choose at least one activity from each of the categories.

#### Learn Something

- Research to find out more about the field or career.
- Search for videos or stories about STEM innovations.
- Visit a science museum or science center to explore more.

#### Get Hands-On

- Complete a Girl Scout STEM badge or Journey.
- Learn a new skill related to the field or career you are interested in.
- Help other Girl Scouts learn about STEM.

#### Connect with Others

- Join a STEM club or start to have STEM discussions with your Girl Scout troop.
- Ask your caregivers, family, and friends if they know of anyone in STEM careers and have a conversation with them about what they do.
- Attend a Girl Scout STEM event or program.

### 5. Request Your Patch

We hope you had a blast earning your patch and we want to hear about it! Complete our patch request form by sharing what you have learned and uploading an image of your vision board.

Patch Request Form: [https://gscolorado.formstack.com/forms/STEM\\_careers\\_patch](https://gscolorado.formstack.com/forms/STEM_careers_patch)