



STEM Career Explorer Badge Worksheets

girl scouts 
of greater atlanta

**Cadettes, Seniors, &
Ambassadors**

**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!](#)



Cadette STEM Career Exploration

Explore careers that make a difference. Then, map out how you'll help others and change the world!

1. Explore how you want to make a difference
2. Discover your career possibilities
3. Learn about the day-to-day
4. Brainstorm your next steps
5. Map your career path



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

Badge Details

Senior STEM Career Exploration

Explore how you might want to impact the world and how STEM can help you do it. Then, take the next step towards your goal for the future and start to make your mark.



1. Explore how you want to make a difference
2. Discover your career possibilities
3. Learn about the day-to-day
4. Find your career pathway
5. Take the next step

When you've earned this badge, you'll know how STEM can support your goals for the future and help build a better world.



Ambassador STEM Career Exploration

Find out how a career with STEM will help you shape the world for the better.

1. Explore how you want to make a difference
2. Discover your career possibilities
3. Learn about the day-to-day
4. Find your career pathway
5. Take the next step



When you've earned this badge, you'll have explored how you want to change the world and understand how a career in STEM can help you make a difference.

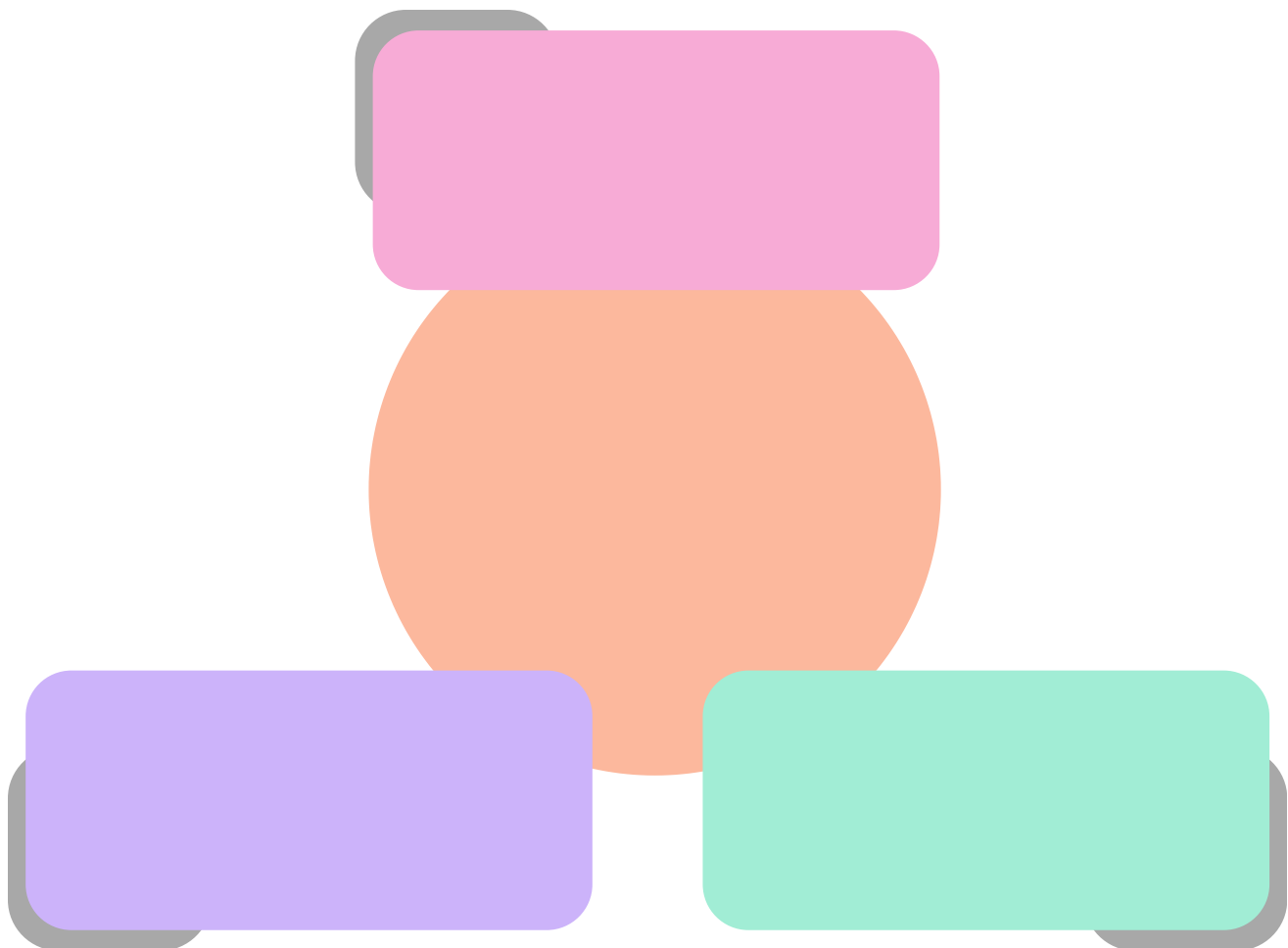


Cadettes

Step 1: Explore How You Want to Make a Difference

Think about some local, national, and global issues that concern you. What can you do to make a difference and change in these areas? Use the following questions to help guide your brainstorming! You might want to try brainstorming with a mind map, which is drawn below. Start by writing an answer to one of the following questions in the middle. Then, add further actions, ideas, solutions, or details in the surrounding shapes. We've included a few different types of mind maps for you to try!

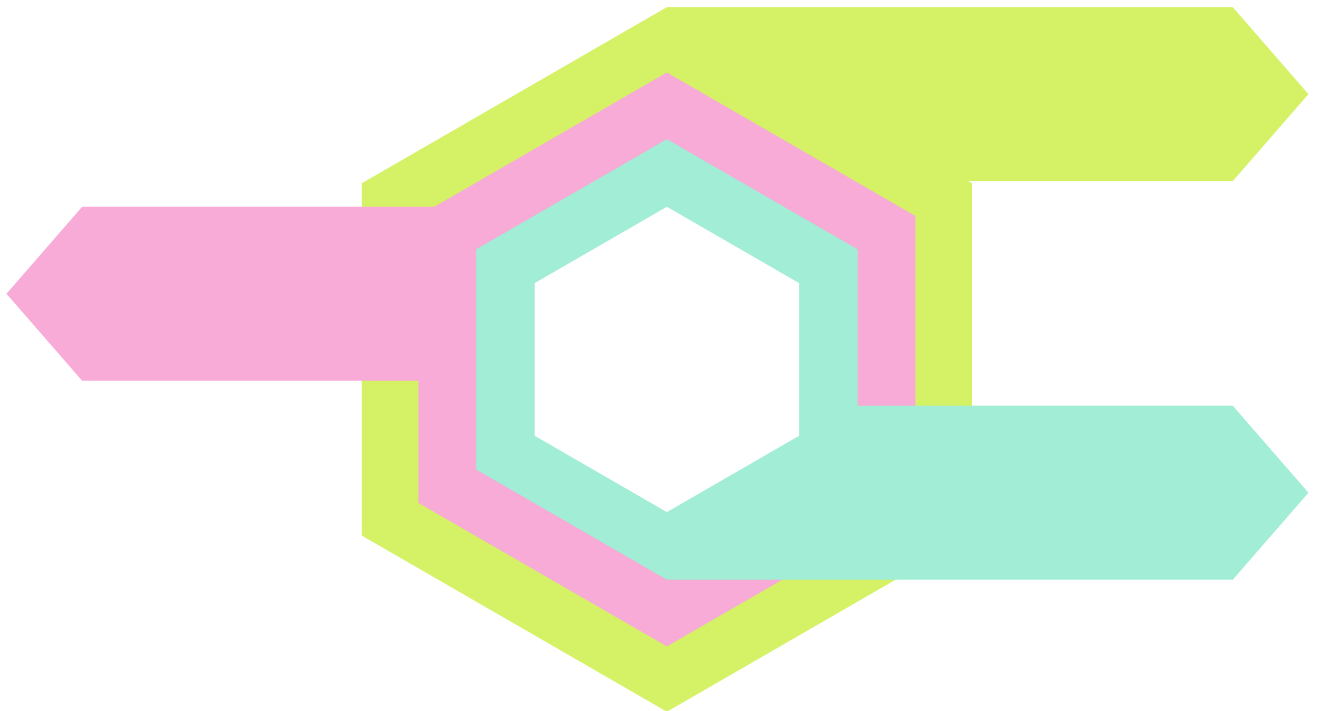
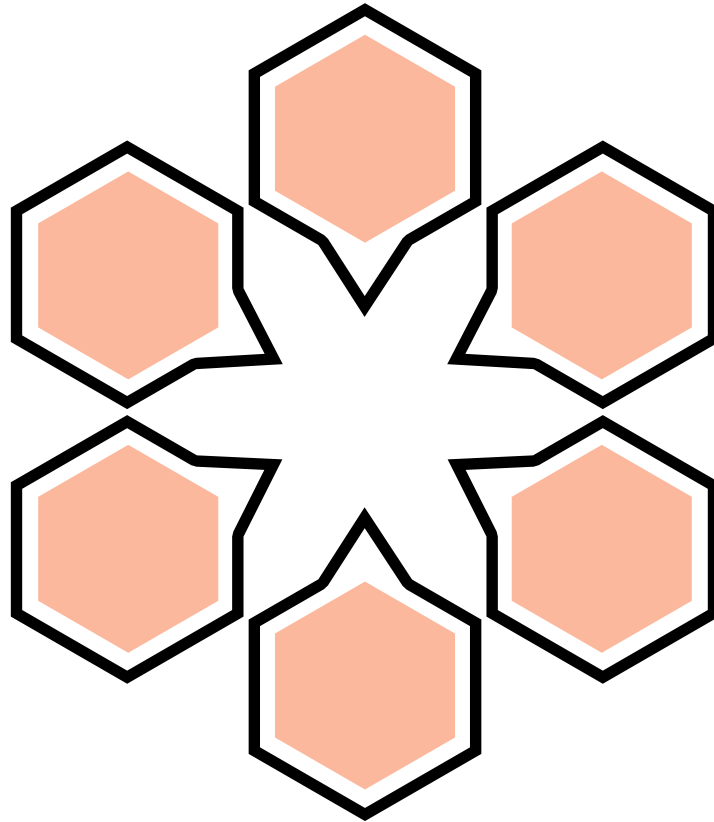
- What bothers me? What problems do I want to solve?
- What communities am I part of? Who do I want to help?
- What do my different communities want or need?
- What's important to my communities? What concerns them?





Cadettes

Mind Maps





Cadettes

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



Cadettes

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: Map Your Career Path

Think about where you are today and where you want to be in the future. Create milestones for different stages! What do you want to accomplish by the end of middle school? High School?

Include things you want to try out, experiences you'd like to have, topics or fields you'd like to learn more about, volunteer or internship opportunities you'd like to try, etc.

We've included a planning timeline to get you started. Don't worry if you don't have all the answers today! Include ways to discover both what you DO enjoy doing and what you DON'T like to do on your timeline.



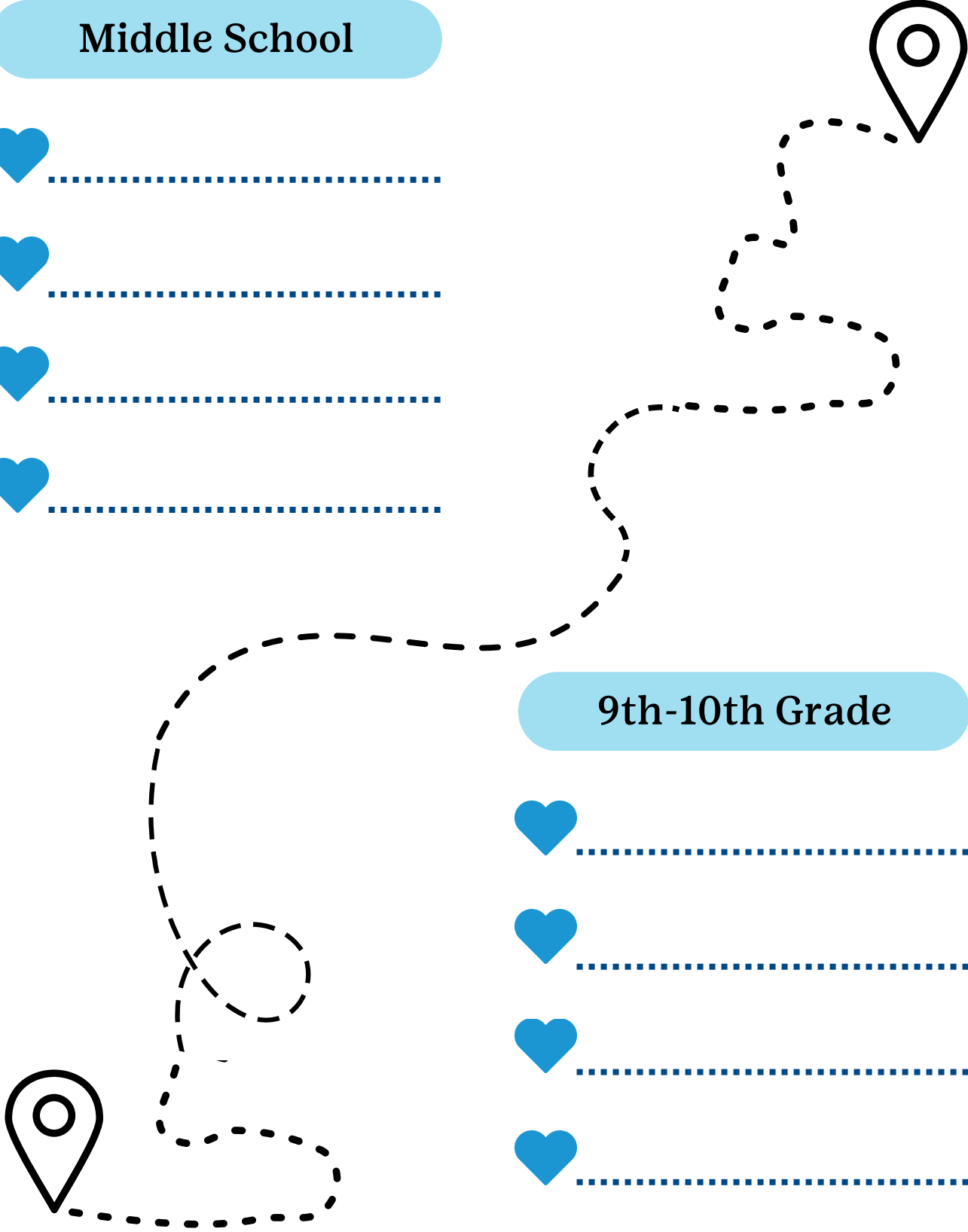
Cadettes

Middle School

- ♥
- ♥
- ♥
- ♥

9th-10th Grade

- ♥
- ♥
- ♥
- ♥

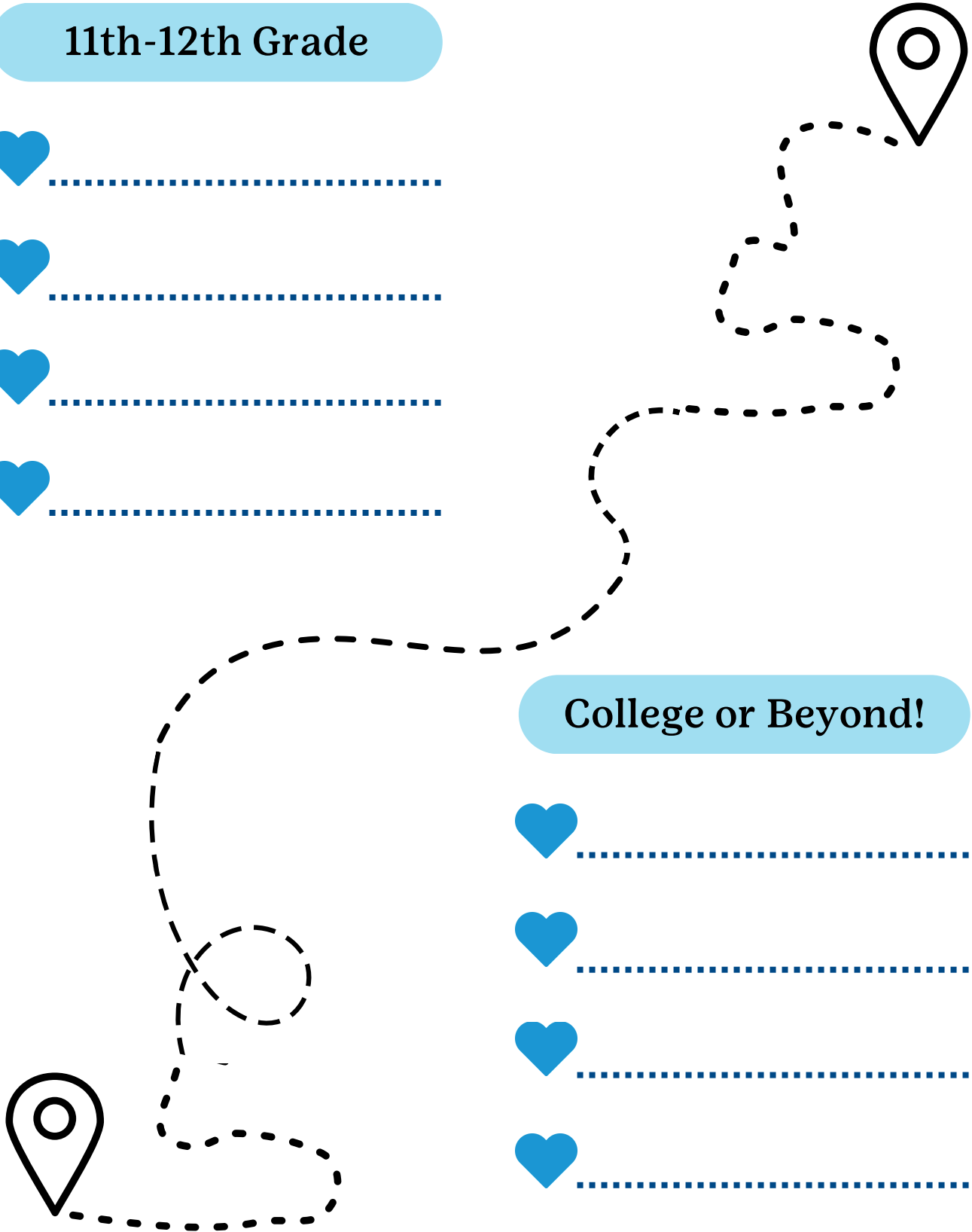




Cadettes

11th-12th Grade

- ♥
- ♥
- ♥
- ♥



College or Beyond!

- ♥
- ♥
- ♥
- ♥



Seniors & Ambassadors

Step 1: Explore How You Want to Make a Difference

Think about the world you live in—your neighborhood, community, state, and beyond. Have you ever witnessed something you wished you could change, like homelessness, inequality, or pollution? Is there a local or global need that you want to bring awareness to, like health and wellness or clean water accessibility? To begin exploring how you can make a difference, find topics you are passionate about and use that as a starting point to explore how STEM can help you create impact and change!

Flip through GSGATL’s most recent [Gold Award Yearbook](#) to learn about Girl Scouts in our community making a difference. Identify 5 Girl Scouts who utilized STEM skills in their Gold Award Projects.

STEM-related Gold Award Projects

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Seniors & Ambassadors

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 skills do you need to practice, what programs will teach you, and what resources are available to you? Create a vision board to map out your next steps! Center your goal, then add items (pictures, articles) that inspire you. Add practical items, like lists of schools, resources, or things to try and learn. We've included a vision board diagram to help you get started! Consider some of these ideas as you brainstorm:

- Community colleges offer two-year programs. You can earn an associate degree in programs such as engineering technology, dental hygiene, nursing, or electronics.
- Colleges or universities offer four-year programs. You can earn a bachelor's degree in electrical engineering, computer science, or aerospace studies.
- Trade, or technical, schools offer training and hands-on experience for specific jobs or skills such as aircraft maintenance, radiology, or carpentry. You can earn a diploma or certificate or prep for a licensing exam.
- Internships or apprenticeships can provide firsthand experience before going into a career full-time.
- Freelance work allows you to work for yourself and grow your skills.



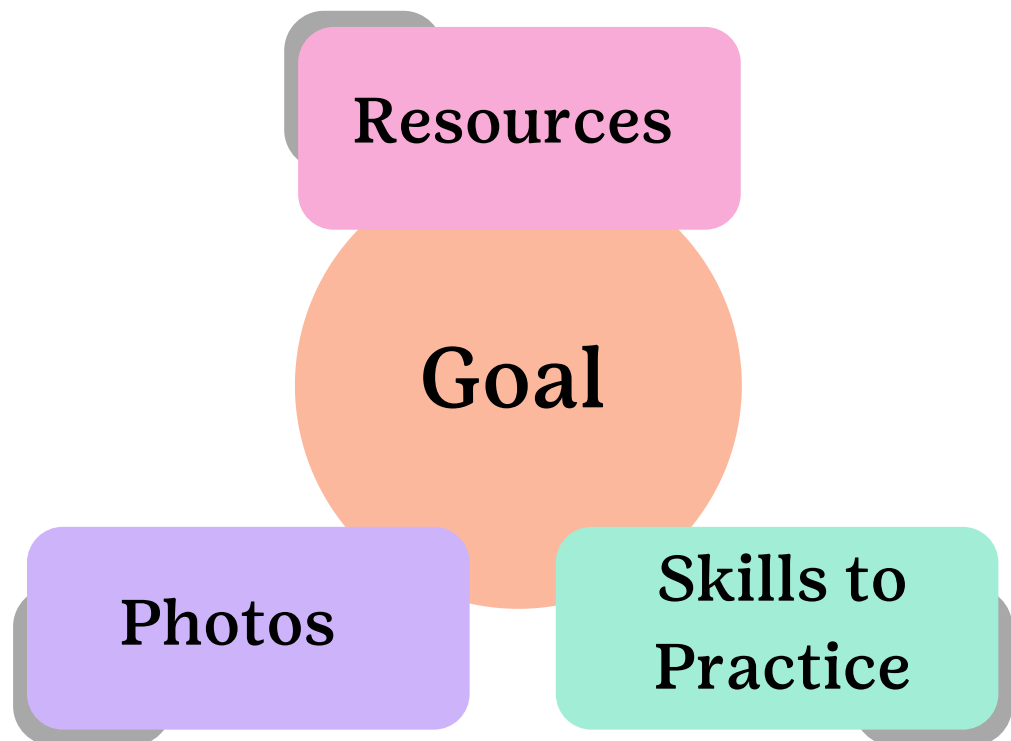
Seniors & Ambassadors

Goal Setting

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

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- 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?

VISION BOARD





Seniors & Ambassadors

Step 5: Map Your Career Path

Think about where you are today and where you want to be in the future. Create milestones for different stages! What do you want to accomplish by the end of high school? Is college next for you?

Include things you want to try out, experiences you'd like to have, topics or fields you'd like to learn more about, volunteer or internship opportunities you'd like to try, etc.

We've included a planning timeline to get you started. Don't worry if you don't have all the answers today! Include ways to discover both what you DO enjoy doing and what you DON'T like to do on your timeline.

High School

College or Beyond

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♥

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♥

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