

# Women's History Month

Are you ready to learn about women who blazed trails and changed the world around them? Get ready to travel through time and learn your place in Women's History.

*Requirements:* Complete any 5 of the activities listed to earn this patch.

*"There is no limit to what we, as women, can accomplish" -  
Michelle Obama*

# Ada Lovelace

Ada Lovelace was the first ever computer programmer! Her friend Charles Babbage had an idea for an invention that he called the Analytical Engine. This device was supposed to be able to do basic math, but Ada knew it could do so much more. She wrote the first algorithm to be carried out on a computer. An algorithm is a language that computers use to understand instructions. The language that computers can understand is called Binary Code. This code is a series of zeros and ones.

**For more information about Ada, check out this video:**

<https://www.youtube.com/watch?v=2vg-0mISnSE>

## **Supplies**

String  
Colored beads

## **Activity**

Computers speak in binary code and we can too! Pick a short secret message. It can be your name, a phrase, your favorite animal, or anything else. Choose two colors of beads. Make one color for 0 and the other color for 1. Cut a piece of string long enough for a necklace. Use this website to convert your message into binary:  
<https://www.convertbinary.com//alphabet/>

*"The more I study, the more insatiable do I feel my genius for it to be."*

# Amelia Earhart

Amelia Earhart was the first woman to fly solo across the Atlantic Ocean. She was the first person to fly solo from Hawaii to California too! She set aviation records racing different types of planes. Nicknamed the "Queen of the Air", Amelia also wrote books and was a women's rights activist.

**For more information about Amelia, check out this article:**

<https://www.timeforkids.com/g56/this-is-amelia-earhart/>

## **Supplies**

Paper  
Tape  
Coins

## **Activity**

Different types of airplanes are built for different purposes. Some are built to carry cargo or to fly really long distances. Make a paper airplane that is designed to carry cargo. Basic instructions for folding a paper airplane are available here: <https://www.exploratorium.edu/exploring/paper/airplanes.html>

Fold your airplane and tape a coin to each wing. Now it's time to watch how it flies! If your flight went great, try adding more coins to see how much cargo you can carry. If your flight didn't go so well, redesign your airplane to make it even better than before. Now, make a paper airplane that is designed to fly long-distance. Use the trial-and-error process to make the best plane you can! Looking at the two planes you made, how did you design your cargo plane and your distance plane differently?

*"The most effective way to do it is to do it."*

# Michelle Obama

Before becoming the First Lady, Michelle Obama was an accomplished lawyer. During her time in the White House and beyond she advocated for healthy living, better access to education, and supported military families. As a role model to many women, Michelle Obama knows that her words have weight.

Watch this short speech:  
[https://www.youtube.com/watch?v=mu\\_hCThhzWU](https://www.youtube.com/watch?v=mu_hCThhzWU)

## **Activity**

Can you think of a time you were a good role model to the people in your life?

Michelle Obama is passionate about healthy eating and brought that issue to national attention. What is something you are passionate about? How can you share your passion and positively influence others? Make a video, social media post, or come up with your own unique way to be a role model!

If you want, you can submit your videos/posts to [girlscouts@gssn.org](mailto:girlscouts@gssn.org)

*"Choose people who lift you up."*

# Ruth Bader Ginsburg

Ruth Bader Ginsburg was a justice on the US Supreme Court with a long history of fighting for gender equality. She faced gender discrimination throughout her career, but overcame the challenges imposed on her. Throughout her career, she made monumental changes to women's lives, including increasing access to higher education, rights to their own bank accounts, and inclusion in the legal process.

**For more information, check out this article:**  
<https://www.timeforkids.com/g56/honoring-ruth-2/>

## **Supplies**

Paper  
Drawing supplies

## **Activity**

Ruth Bader Ginsburg was a fierce advocate for women's rights. What is a cause you believe in? What do you do when someone disagrees with you? When RBG was making a statement against something she disagreed with, she was famous for wearing a "dissent collar". Draw what your dissent collar would look like.

RBG said, "Fight for the things that you care about, but do it in a way that will lead others to join you."

Plan out 3 different ways to respond and convince someone to believe in your cause. Practice saying these lines out loud until you feel confident. Write these statements down around the dissent collar you drew.

*"Women belong in all places where decisions are being made."*

# Dolores Huerta

Dolores Huerta is a civil rights activist who has pushed for better conditions for immigrants, workers, and women in this country. She was a Girl Scout for 10 years too! She is most famous for her work to improve the lives of immigrant farmworkers. These workers would work from sunrise to sunset with very little pay in horrible living conditions. She organized a national boycott against one of the nation's biggest agriculture companies, resulting in better contracts for these workers.

## **For more information:**

<https://kids.britannica.com/kids/article/Dolores-Huerta/631795>

## **Supplies**

Poster board  
Markers

## **Activity**

As an activist, Dolores Huerta has been involved in a large number of protests. One of the most eye-catching components of a protest are the signs that people make to share their message.

Think of a cause you care about and imagine you are going to a protest for it. What kind of sign would you want to carry? What message do you want to send? Make a sign to express your beliefs.

*"Every moment is an organizing opportunity, every person a potential activist, every minute a chance to change the world."*

# Jane Goodall

Jane Goodall is a primatologist who is considered the world expert about chimpanzees. Her discoveries showed that chimps use tools, experience emotions, and even have personalities! She is an environmental activist and conservationist, advocating for habitat conservation and better treatment of animals.

**For more information, read this article:**

<https://kids.britannica.com/students/article/Jane-Goodall/324848>

## **Activity**

Jane Goodall focuses her work on chimpanzees, but there are lots of endangered animals that we need to work to protect.

Pick one of the animals from this list:

- Sea Otters
- Whooping Cranes
- Prairie Dogs
- Coral
- Gopher Tortoises

Do some research to answer the following questions:

- How many members of this species are still alive?
- What are the physical characteristics of this animal?
- Where is this animal normally found?
- Why is this animal important to their environment?
- What are humans doing to try to help this species?

Write a poem or story to share what you learned.

*Every individual matters. Every individual has a role to play. Every individual makes a difference.*

# Danica Patrick

Danica Patrick is the most accomplished woman in American open-wheel racing. She is the only woman to have ever won a race in the IndyCar Series. Faced with criticism in a male-dominated space, Danica carved out a space for herself, inspiring many women along the way.

## Check out this article:

<https://www.timeforkids.com/g2/driving-danica/?rl=en-740>

## Supplies

- Plastic bottle
- Four plastic bottle caps
- Wooden skewer
- Two straws
- Balloon
- Tape
- Scissors

## Activity

Build a balloon-powered car! Instructions are available here:

<https://www.scientificamerican.com/article/build-a-balloon-powered-car/>

Decorate your car to reflect your achievements.

*"Give yourself permission to shoot for something that seems totally beyond your grasp. You may be surprised at your capabilities"*

# Junko Tabei

Junko Tabei was the first woman to summit Mt. Everest and was the first woman to summit the highest peak on every continent. In addition to being a mountaineer, she was an author and an environmental activist.

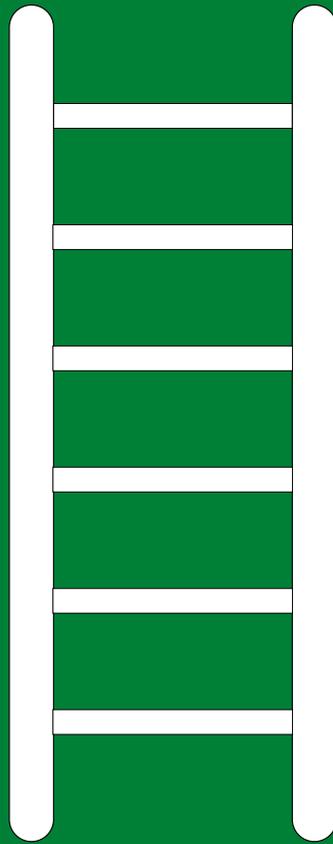
**For more info, read this interview:**

<https://www.outsideonline.com/2252936/junko-tabei-anniversary>

## Activity

Summitting Mt. Everest is a goal that takes a lot of preparation. For this activity, plan out how you will achieve one of your goals.

- What is your goal?
- Why is this your goal?
- What is the first step you need to take to achieve this goal? Fill out the steps on the ladder with the steps you need to take.
- Who will you ask for help?



*"There was never a question in my mind that I wanted to climb that mountain, no matter what other people said."*

# You!

All of these women were once in your shoes, young people with bright futures ahead of them. Who are you going to be? Are you going to be a goal-getter like Junko Tabei? A record-setter like Amelia Earhart and Danica Patrick? Will you be an activist and an advocate for others?

## **Activity**

Pretend you have travelled 50 years into the future. What will your biography say about you?

Make a timeline of what you will accomplish.



*"The power you have is to be the best version of yourself you can be, so you can create a better world." - Ashley Rickards*

# Choose-Your-Own

Not every woman's story gets told on a big public scale. Some of the best role-models we have might be right here in our community.

## **Activity**

Pick any woman, famous or not, and create a piece of art that represents her and why she is inspiring to you.



"Women are leaders everywhere you look—from the CEO who runs a Fortune 500 company to the housewife who raises her children and heads her household. Our country was built by strong women, and we will continue to break down walls and defy stereotypes." — Nancy Pelosi

*"Think like a queen. A queen is not afraid to fail. Failure is another stepping stone to greatness." — Oprah Winfrey*