



DAISY

Cybersecurity Badges

BADGE SERIES OVERVIEW:

In the Cybersecurity badge series, Daisies find out how computers communicate. They discover what information is private and what not to share online. They find out who is in their trust circle. The practice solving problems to gain skills that make them more aware online.



NOTES TO VOLUNTEERS:

Follow the Badge Progression:

The Cybersecurity badges were designed to be earned in a specific order. The badge progression is:

- 1** Cybersecurity Basics
- 2** Cybersecurity Safeguards
- 3** Cybersecurity Investigator

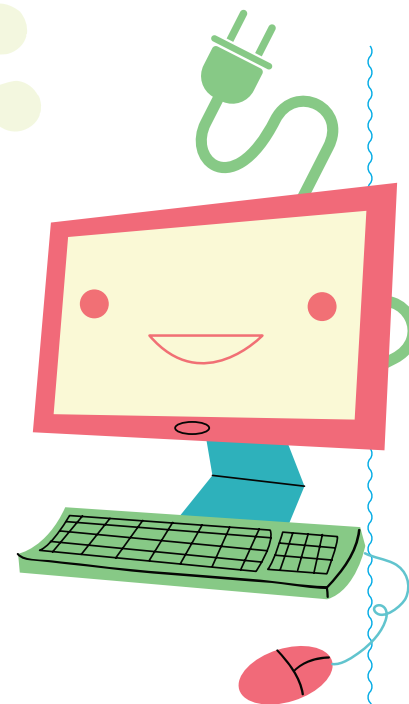
Enhance the Experience: The Cybersecurity badges were designed to be “unplugged,” so you don’t need to have computers for girls to earn them. However, if you have access to computers, tablets, smartphones, and the internet, feel free to have girls use them to complete the badge steps where appropriate.

Use the Talking Points (But Make Them Your Own): In each session, you’ll find suggested talking points under the heading “SAY.” Some volunteers, especially new ones, find it helpful to follow the script. Others use the talking points as a guide and deliver the information in their own words. Either way is just fine.

Be Prepared (It’s What Girl Scouts Do!): Each meeting includes a “Prepare Ahead” section that includes a materials list and what kind of set-up is required. Read it in advance so you have enough time to gather supplies and enlist help, if needed.

Use Girl Scouts’ Three Processes: Girl-led, learning by doing, cooperative learning: These three processes are the key to making sure Daisies have fun in Girl Scouts and keep coming back.

“Learning by doing” and “cooperative learning” are built into this badge, thanks to the hands-on activities and tips. Remember to keep the meetings girl-led so you can help create an experience where Daisies know they can make choices and have their voices heard.



Leave Time for the Closing Ceremony: If Daisies are having fun with an activity, you may be tempted to skip the Closing Ceremony so they can keep going, but the Closing Ceremony is absolutely key to their learning. Here's why:

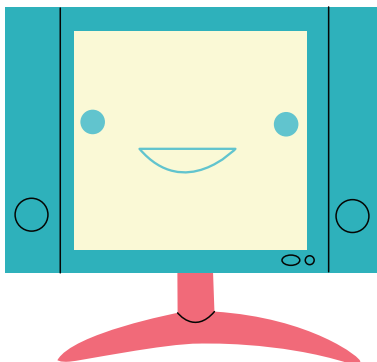
When Daisies leave a meeting, they'll remember how much fun it was to do an activity, but they may not realize what its relationship to cybersecurity was, unless you tell them.

That's why the Closing Ceremony is so important. It's where you can connect the dots for Daisies by:

- *Pointing out how real-world safety rules are just as important to practice when they use computers and other devices.*
- *Letting them know that they have what it takes to continue exploring ways to keep safe in the cyber world.*

Tell Your Troop Story: As a Girl Scout leader, you're designing experiences that Daisies will remember for their whole lives. Try to capture those memories with photos or videos. Daisies love remembering all they did, and it's a great way for parents to see how Girl Scouting helps their Daisies!

And please do share your photos and videos with GSUSA by emailing them to STEM@girlscouts.org (with photo releases if at all possible!).



To Prepare for the Meetings:

Before each meeting, you'll find an Overview, notes to Prepare Ahead, and a Materials List, all specific to that meeting.

Go over words Daisies can learn. In the Prepare Ahead section for each meeting, you'll see a list of words Daisies may or may not know and how to define them. You can find a full list of vocabulary for the badges in the **Daisy Cybersecurity – Glossary**.

Before each meeting, read through the meeting plan and any meeting aids. This will help you get familiar with the flow of each meeting.

Handouts specific to the meetings are listed in the Prepare Ahead section of each meeting under Meeting Aids. **In addition, the following handouts are available in the Meeting Aids for every meeting:**

- **Daisy Cybersecurity – Materials List:** Each meeting has its own materials list. However, if you like to do all your supply shopping at one time, use this handout. It includes all materials needed for all of the Daisy Cybersecurity badges.
- **Daisy Cybersecurity – Glossary:** This is a list of words introduced in these badges with definitions.

Gather materials. Prior to each meeting, gather materials for the meeting's activities. Review the materials list to see what you already have. See if there are items you can ask girls to bring to the meetings.

Cybersecurity BADGE BREAKDOWN

CYBERSECURITY BASICS: MEETING 1

1. **As Girls Arrive**
Computer Color
2. **Opening Ceremony**
Computer Parts
3. Computer Friends
4. Protect Your Treasure
5. **Closing Ceremony**
Flash Chat

- Daisies discover parts of a computer to understand the basics of how systems and devices communicate.
- They find out how computers share information.
- They create layers of security by protecting a treasure and discuss what safety and protection means.

CYBERSECURITY BASICS: MEETING 2

1. **As Girls Arrive**
How Are You Connected?
2. Make the Connection
3. Pass the Daisy Message
4. **Closing Ceremony**
Badges

- Daisies discover how computers are connected.
- Daisies create a connection and share messages to replicate how it works on a computer network.
- They earn their Cybersecurity Basics badge at the end of this meeting.

CYBERSECURITY SAFEGUARDS: MEETING 1

1. **As Girls Arrive**
My Family and Me
2. **Opening Ceremony**
Welcome to Safeguards
3. All About Me
4. My Private Me
5. **Closing Ceremony**
Flash Chat

- Daisies create an identity bag by collecting items that reveal their identity.
- Daisies play a game to find out what is private about them and never to be shared.

CYBERSECURITY SAFEGUARDS: MEETING 2

1. **As Girls Arrive**
Public/Private
2. **Opening Ceremony**
Privacy and Trust
3. Trust Circle
4. **Closing Ceremony**
Badges

- Daisies do an activity to identify who is in their trust circle.
- Daisies find out what information to share with people they trust and what information is private. They discover what this means in the cyber world.
- They earn their Cybersecurity Safeguards badge at the end of this meeting.

CYBERSECURITY INVESTIGATOR: MEETING 1

1. **As Girls Arrive**
Puzzle Pieces
2. **Opening Ceremony**
Welcome to Investigator
3. Search Superstar
4. Identity Hunt
5. **Closing Ceremony**
Flash Chat

- Daisies do problem solving with a puzzle to help them think like investigators.
- Daisies find out how to ask questions to solve problems. They discover what this means for online searches.
- Daisies collect clues about an identity to uncover who the person is. (Juliette Gordon Low!)

CYBERSECURITY INVESTIGATOR: MEETING 2

1. **As Girls Arrive**
I Spy
2. **Opening Ceremony**
Observation and Awareness
3. Meeting Room Mystery
4. **Closing Ceremony**
Badges

- Daisies play a game to help with their powers of observation.
- They learn how observation and awareness are important in their everyday lives and online.
- They play a meeting room game where they identify objects that have been removed.
- They earn their Cybersecurity Investigator badge at the end of this meeting.

Badge Series and Meeting Length

- This series of badges has been designed to fit into six 60-minute troop meetings.
- There is no snack time scheduled in these meetings, but you can add 15 minutes of “wigggle room” for snacks or activities that run long.
- The times given for each activity may be different depending on how many girls are in your troop. Prior to each meeting, review the activities and time allotment to determine how much time your troop will need to complete the activities. You can adjust times for each activity as needed.
- Give Daisies 10- and 5-minute warnings before they need to wrap up the last activity so you'll have time for the Closing Ceremony.

Get Help from Your Family and Friends Network

Your Friends and Family Network can include:

- Daisies' parents, aunts, uncles, older siblings, cousins, friends, etc.
- Other volunteers who have offered to help with the meeting.

Ask your Network to help:

- Bring supplies or other materials for the meetings.

Award Connection

Girls earn three badges:

- Cybersecurity Basics
- Cybersecurity Safeguards
- Cybersecurity Investigator

(Note to Volunteers: You can buy these awards from your council shop or on the Girl Scouts' website.)

