



BROWNIE

COMPUTER EXPERT BADGE

ACTIVITY BOOK

For Girls in Grades 2–3



You will need a computer with internet access to complete this activity book.



BADGE REQUIREMENTS

You will need a computer with internet access to complete this activity book.

Find out what computers can help you do and learn to be a safe, secure computer expert.

1. Paint or draw with an art program
2. Find some cool facts
3. Take a trip online
4. Make a connection
5. Have some computer fun

When you complete this packet, you'll earn your badge and learn how to do many useful things on a computer.





TAKE THE PLEDGE!

The internet holds a wealth of information and is a great resource for you! However, it is important to be safe and smart online. Read the following pledge out loud to learn what steps you can take to be safe online.

Girl Scout Internet Safety Pledge

- I will not give out personal information such as my address, telephone number(s), parents' or guardian's work address or telephone numbers and the name and location of my school without the permission of my parents or guardian.
- I will tell an adult right away if I come across or receive any information that makes me feel uncomfortable.
- I will always follow the rules of Internet sites, including those rules that are based on age of use, parental approval and knowledge, and public laws.
- I will never agree to get together with someone I "meet" online without first checking with my parents or guardian. If my parents or guardian agree to a meeting, I will arrange for it to occur in a public place, and I will bring a parent or guardian along.
- I will never send a person my picture or anything else without first checking with my parents or guardian.
- I will talk with my parents or guardian so that we can set up family rules for going online. We will decide on the time of day that I can be online, the length of time that I can be online, and appropriate areas for me to visit. I will not access other areas or break these rules without their permission.
- I will not use the Internet to collect money for Girl Scout products, and I will follow all safety guidelines related to Girl Scout product sales.
- I will practice online "netiquette" (good manners) at all times when online.
- I will not spam others.
- I will not bully nor will I tolerate bullying (and I will always tell a trusted adult if this is a problem).
- I will not use bad language.
- I will be guided by the Girl Scout Promise and Law in all that I do online.

Sign Here

Name: _____

Date: _____



ACTIVITY 1

Computer Word Scramble

Help! Can you match the words to their definitions?

- | | |
|---|----------|
| 1. A Small Device that is connected to a computer that you move with your hand. | Laptop |
| 2. A computer you can bring with you places. | Keyboard |
| 3. You can use this search engine to look up something. | Printer |
| 4. You can use this device to type. | Mouse |
| 5. A video camera that allows images to be seen through the internet. | Google |
| 6. To look up something. | Safe |
| 7. A machine that is used for printing documents. | Email |
| 8. A way to communicate online. | Speakers |
| 9. It is important to be _____ when browsing the internet. | Search |
| 10. You can hear sound from this device. | Webcam |

Flip to page 12 for the answer key!



Badge Requirement 2



ACTIVITY 2

What Do Computers Do?

Now that you know some parts of computers, lets learn about what they do!

What do you use computers for? Write down 5 things you can do with computers.

1. _____
2. _____
3. _____
4. _____
5. _____

Watch this video to learn all about computers: bit.ly/gs-computer-video

Write down 3 interesting facts you learned from the video.

1. _____
2. _____
3. _____



Badge Requirement 2



ACTIVITY 3

Create a Picture!

Have fun drawing pictures online. You will get to use your creativity, play Pictionary against a computer, and create cool designs you can download.

Play a game! Quick Draw is a game of pictionary that utilizes Artificial intelligence (AI) to guess what you will be drawing. You will play a game of pictionary against your computer. Good luck!

Visit this website to start your game: quickdraw.withgoogle.com

1. Did the AI correctly guess what you drew? Why do you think the AI was succesful or unsuccessful at guessing?

Paint a picture! Auto Draw is a website that uses Artificial Intelligence (AI) to help you create awesome paintings. Click the link below and click on the “Fast How To” to learn how to paint.

Visit this website to start painting: autodraw.com

2. Did the AI technology help you paint your picture? Explain.



Badge Requirement 1



ACTIVITY 4

Girl Scout Search

The internet is a great tool! It can be used as an encyclopedia to collect fun facts about a subject you are interested in. Search engines like Google and Bing use special math to quickly search the web. They bring back links to articles, images and videos in relation to what you typed.

Let's learn some unique facts about Girl Scouts! You will use Google to find some facts about Girl Scouts and learn some new things! Write and draw pictures of what you learned in the box below or create a poster! Some ideas to get you started: Juliette Gordon Low, Girl Scout traditions, Girl Scout songs, Girl Scout uniforms and Girl Scout games.

Visit this website to search: [google.com](https://www.google.com)



Badge Requirement 2



ACTIVITY 5

Game On!

Play some fun coding games online.

You will be playing coding games online where you get to create and play your own game.

Visit this website to watch the video: studio.code.org/flappy/1

What did you learn from the video? How will you be creating your own version of “Flappy Bird”?

Now that you watched the video it's time to start coding! Follow the instructions at the top of the webpage to complete the game.

Play another game! If you enjoyed playing your first game, let's try another one.

Visit this website to watch the video: bit.ly/gs-dance-party

What did you learn from the video? How will you be creating a “Dance Party”?

Now that you watched the video it's time to start coding! Follow the instructions at the top of the webpage to complete the game.



Badge Requirement 5



ACTIVITY 6

Virtual Field Trip

Travel to a museum from the comfort of your couch.

The Metropolitan Museum of Art located in New York City is the largest Art Museum in the United States. Its collection contains over 2 million pieces of art! You will get to explore the museum virtually with Met Kids. Make sure to Explore the map, hop in the Time Machine & watch some videos.

Click on the link to start your field trip: bit.ly/met-kids

Write down 6 interesting facts you learned on your exploration of the museum.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____



Badge Requirement 3



ACTIVITY 7

Send a Card

Send an e-card to someone important in your life.

Email is a great way to communicate and connect with others online. Think of people in your life that you really appreciate: what would you say to them in a card? Maybe you want to write to a teacher, a friend or a parent.

Think of a special person you would like to thank in your life and brainstorm what you will say in the space below:

Think of another special person you would like to thank in your life and brainstorm what you will say in the space below:

Now that you brainstormed what you would like to say, it's time to send your card! The World Wildlife Foundation has cute e-cards you can send that feature some of your favorite animals! Make sure to ask your parents for permission and the email addresses of people you'd like to send cards to.

Visit this website to send your e-card: bit.ly/wwf-cards



Badge Requirement 4



BONUS ACTIVITY!

Add a Message to a Kudoboard

Thank our volunteers at Girl Scouts of Greater Chicago and Northwest Indiana!

Say thank you virtually! Add a photo, video, or gif with your message to show your appreciation of our awesome volunteers on Kudoboard.

Visit this website to add your message: bit.ly/39Gd4Td



COMPUTER WORD SCRAMBLE

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ANSWER KEY

- Mouse** 1. A small device that is connected to a computer that you move with your hand.
- Laptop** 2. A computer you can bring with you places.
- Google** 3. You can use this search engine to look up something.
- Keyboard** 4. You can use this device to type. _____
- Webcam** 5. A video camera that inputs a computer connected to the internet, so that its images can be viewed by internet users.
- Search** 6. To look up something.
- Printer** 7. A machine that is used for printing documents
- Email** 8. A way to communicate online.
- Safe** 9. It is important to be _____ when browsing the internet.
- Speakers** 10. You can hear sound from this device.



CONGRATS!!!
YOU COMPLETED YOUR
BROWNIE COMPUTER EXPERT BADGE!

Badges can be purchased at **shopgirlscouts.com**



NOT A GIRL SCOUT?
NOT A PROBLEM!
LEARN MORE ABOUT JOINING!
girlscoutsgcnwi.org/join