

# 💡 TECHNO-SAVVY GIRLS 💡

## Girl Guides of Canada prepares girls for digital citizenship

In 2019, Girl Guides of Canada created the Digital Defenders program in collaboration with BlackBerry, a trusted security software and services company. The goal of the Digital Defenders program is to help girls involved in Guiding become wise, safe and responsible internet users and to encourage them to become more involved in the online world.

Designed to provide girls with the necessary skill set to spark early interest in the cybersecurity industry, the Girl Guide-led program encourages participants to take a “how stuff works” approach to cybersecurity, giving them a robust and in-depth look at the topics through play and discovery-based learning.

The Girl Guides website explains the program as follows:

This innovative programming empowers girls as digital citizens while giving them access to invaluable hands-on knowledge that might not be available to them otherwise. Following age-appropriate content for each branch of Girl Guides from Sparks (ages 5-6) to Rangers (ages 17-18), girls can learn:



- 💡 How computers, encryption and malware work
- 💡 How data travels
- 💡 How authentication works to protect information
- 💡 How pen testing and hacking work
- 💡 How cybersecurity creates layers of protection
- 💡 How patches and firewalls protect computers
- 💡 How machine learning is predicting and preventing cyber attacks.

Girl Guides of Canada website: [girlguides.ca](http://girlguides.ca)

