

## Cybersecurity Badges: *Cybersecurity Basics 2*

### Cyber Crime Cases

#### **CYBER CRIME #1: Case of the Blocked Computer**

One day, Susie went to turn on her computer and a message popped up that said, “I am holding your computer hostage. To get back on your computer, you’ll need to pay me \$1,000 ransom.”

*(Cyber villain: Ransomware)*

#### **CYBER CRIME #2: Case of the Bad Ad Virus**

While surfing the internet on her mom’s computer, Ella saw an ad that promised she would receive something free if she clicked on the ad. After clicking on the ad, a window appeared saying, “Thanks for the click. Now we know what kind of computer you’re using.”

*(Cyber villain: Adware)*

#### **CYBER CRIME #3: Case of the Bad Code**

Sienna had a friend at school who had a game stored on a flash drive. Sienna borrowed the drive to install the game on her home computer. After installing the game, she noticed her computer took longer than usual to boot up and the fan never stopped running.

*(Cyber villain: Computer virus)*

#### **CYBER CRIME #4: Case of the Messed-Up Emails**

Harper was online after school, researching a school project. While online, an email came in to her mom’s inbox offering her a vacation cruise if she opened the email in the next five minutes. Curious, she opened the email only to see hundreds of characters and symbols in the email. None of it made sense! Next thing she knew, the email closed itself and a new email window opened up and started putting all of her mom’s friends’ email addresses in the To: box.

*(Cyber villain: Worm)*

#### **CYBER CRIME #5: Case of the Phony**

Mia overheard her mom and dad talking about their computers. Mia’s dad asked her mom why she sent him a picture file in an email. Her mom said that she didn’t send it, even though it looks like it came from her email address. She told Mia’s dad that if he opened the file, it could include a program that’s a phony and could take over his computer. She told him he should delete any emails from her.

*(Cyber villain: Trojan horse)*

#### **CYBER CRIME #6: Case of the Spy Catcher**

Emily had a homework assignment to write about gorillas so she surfed the internet for information. She clicked on websites that she wasn’t sure about. The next day, Emily was surprised to see pop-up windows on her computer selling things about gorillas, everything from stuffed animals to wildlife tours. Was someone or something spying on Emily’s computer internet surfing activities?

*(Cyber villain: Spyware)*