Cyber Security Experts

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Audio CD Included

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The Job of a Cyber Security Expert

Years ago, we had a lot of information in our wallets and houses.

It was important information.

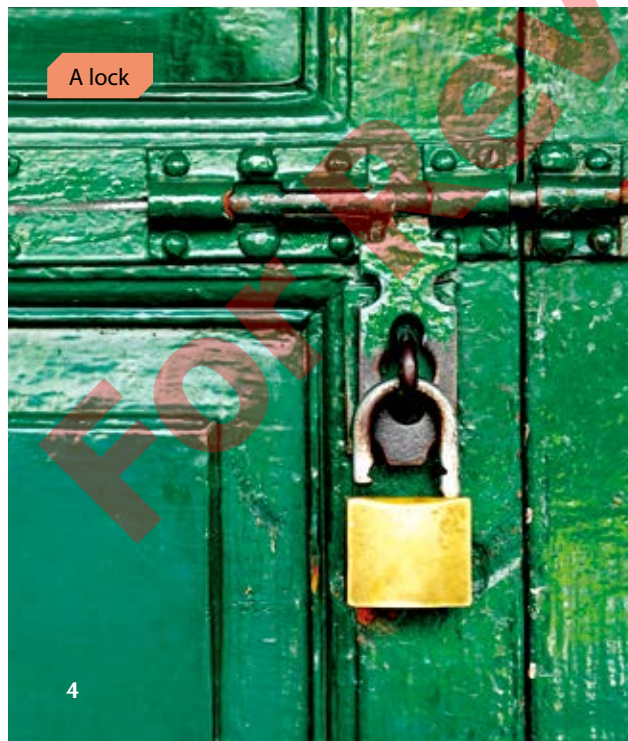We locked our houses and windows to keep all of this information safe.

We also kept our money in banks.

A wallet and keys ▶

Connecting to the internet

A safe

A lock

Though we still do this, many things have changed.

Much of our data is now online.

It is in cyber space.

With the internet, we can do almost anything online.

Using a bank ▶
card online

A hacker

This means people can take our information.

They can find out our phone numbers, banking numbers, or even our birthdays.

They can find out our bank card numbers, passwords, and more!

Spending money online

People are not the only ones with important information online.

Businesses also have a lot of data that they don't want to share.

The government has important information, too.

All of this information could be taken by a hacker in a cyber attack.

A locked laptop

Protecting data

Cyber security experts know how to protect our data.
They are the people that help keep us and the
information in our computers safe.

How to Be a Cyber Security Expert

There are many ways to become a cyber security expert.
You do not even need to go to university.
But people who finish their university studies have an easier time finding jobs.

University students

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Comprehension Questions

1. Which of the following would not be taken in a cyber attack?
   - (a) A bank card number
   - (b) A birthday
   - (c) A password
   - (d) A microchip

2. Who do cyber security experts help?
   - (a) Businesses
   - (b) Governments
   - (c) People like you and me
   - (d) All of the above

3. According to the writer, what job might a person have before becoming a cyber security expert?
   - (a) Police officer
   - (b) Building security officer
   - (c) Computer support person
   - (d) Computer salesperson

4. Along with work experience, what might a cyber security expert need?
   - (a) A fast computer
   - (b) A certification
   - (c) Experience as a hacker
   - (d) A large team

5. Cyber security experts can prevent cyber attacks by . . .
   - (a) testing the security system.
   - (b) creating one password for everyone.
   - (c) looking for hackers.
   - (d) buying new computers.

Key 1. (d) 2. (d) 3. (c) 4. (b) 5. (a)

Glossary

- **access** (n.) the opportunity or right to use or see something

- **certification** (n.) a document that says a person is a professional and has had special training

- **criminal** (n.) a person who breaks the law

- **cyber attack** (n. phr.) an attempt to get into or damage a computer system that is not one's own

- **hack** (v.) to secretly find a way of looking at and/or changing information on someone else's computer system without permission