



# CERTIFICATE OF ACHIEVEMENT

## LEARNING KIT COMPLETION

*This certifies that*

***Your Name***

has completed every step of the learning kit

**Think like a hacker, defend like a pro**

Computer science: cybersecurity

***Stephen Souders***

MYTEK LAB



October 30, 2026

DATE COMPLETED

LEARNER

**Your Name**

SUBJECT

**Computer science: cybersecurity**

Each step below was done with the kit **Think like a hacker, defend like a pro**, finished October 30, 2026.

- ✓ Step 1: Crack a code
- ✓ Step 2: Hack a password
- ✓ Step 3: Explore two-factor authentication
- ✓ Step 4: Launch a Man-in-the-Middle attack
- ✓ Step 5: Explore social engineering

SAMPLE

**For the parent or teacher**

Sign here when you have seen the work.

PARENT OR TEACHER SIGNATURE

DATE

## MY WORK

**Your Name:** Think like a hacker, defend like a pro

## MY CIPHER: SHIFT 7

| PLAIN | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CODE  | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | A | B | C | D | E | F | G |

My secret message

THE KEY IS UNDER THE MAT

My shift number

7

My message in code

AOL RLF PZ BUKLY AOL THA

Step 1. Tries a brute force attack needs to crack any Caesar cipher:

(what the learner wrote)

Step 1. Why that makes it a weak code today:

(what the learner wrote)

Step 2. My rules for a strong password:

(what the learner wrote)

Step 2. Why a website stores a hash instead of the password:

(what the learner wrote)

Step 3. An account that has two-step login, or should:

(what the learner wrote)

Step 4. What the fake Wi-Fi saw with http://:

(what the learner wrote)

Step 4. What it saw with https://:

(what the learner wrote)

Step 4. How I will stay safe on public Wi-Fi:

(what the learner wrote)

Step 5. The warning sign I will watch for first:

(what the learner wrote)