

Cybersecurity Merit Badge Pre-Requisite Worksheet

Pre-Requisites: 1a, 2a, 4a, 4b, 4e, 4f, 5c8, 6a, 9a

Name (print clearly): _____ Troop: _____

Complete this worksheet before attending the class. Bring it with you for review and discussion.

Requirement 1a – Digital Safety Video

Watch the Personal Safety Awareness: Digital Safety video with a parent or guardian.

Link:

<https://filestore.scouting.org/filestore/YPSAT/YT%20Mod1%20Final%20Master%20Small.mp4>

Notes or takeaways:

Requirement 2a – Ethics Online

Relate three points of the Scout Law to things people do on the internet or with computers, phones, and other connected devices.

1. _____
2. _____
3. _____

Requirement 4a – Cyber Terms

Define the following terms and give one example of each:

Vulnerability

Definition _____

Example _____

Threat

Definition _____

Example _____

Exploit

Definition _____

Example _____

Requirement 4b – Malware

Pick one type of malware (virus, worm, Trojan, spyware, ransomware, etc.).

Name of malware: _____

How does it work?

What harm can it cause?

Requirement 4e – Current Events

Do ONE of the following and summarize what you learned:

Read an article about a recent cybersecurity incident

Watch a movie or read a book about cybersecurity

Title: _____

Summary:

Lesson learned:

Requirement 4f – Attack Surface

Create a list of your personal cyber attack surface—all the ways someone could access your information or devices (accounts, apps, Wi-Fi, etc.).

Requirement 5c8 – Family Cyber Checklist

Write your 5-point home or family cyber safety checklist:

1. _____

2. _____

3. _____

4. _____

5. _____

Requirement 6a – Encryption Uses

List three examples of how encryption is used in cybersecurity:

1. _____
2. _____
3. _____

Requirement 9a – Careers in Cybersecurity

Identify three cybersecurity careers, then pick one to research in more detail:

Career: _____

Training/Education Needed:

Why It Interests You:

More details on chosen career:

Reviewed by: _____ Approved : Yes No

Date: _____