

Understanding Cybersecurity Terms

TOPIC: FOUNDATIONAL PRINCIPLES OF CYBERSECURITY

GRADES: 3-5, 6-8

LESSON DURATION: 1-2 CLASS PERIODS

SOFT SKILLS: COMMUNICATION

Introduction:

- Cybersecurity, like any discipline has specific foundational terminology. This lesson introduces students to these foundational terms in a user-friendly way so that students understand what cyber experts do but more importantly, how our information is protected.
- *Disclaimer: This is a technical discussion that would fit best into a technology course.*

Learning Outcomes:

- Students will define and describe basic foundational cybersecurity terms.
- Students will answer questions regarding hypothetical scenarios to show comprehension of terminology.

Materials:

- [Basic cyber vocabulary](#)
- [Activity sheet for students to complete during the discussion](#)

Activities:

1. The teacher should begin the lesson by explaining that students will learn some basic terms involved in cybersecurity. Ask students to define cybersecurity.
2. Begin an in-class discussion of the terms contained in the presentation. After this activity, students will better understand both the need to protect data and the basic of how it is done.
3. [The Presentation is available here.](#)
4. In order to make this lesson more interactive and engaging for students, the teacher may consider inserting a game of Kahoot! after the discussion. This will also allow the teacher to informally assess student learning.

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