

Basic Cybersecurity Vocabulary and Concepts

TOPIC: FOUNDATIONAL PRINCIPLES OF CYBERSECURITY

GRADES: 6-8

LESSON DURATION: 45 MINUTES

SOFT SKILLS: COMMUNICATION

Introduction:

- This lesson is a basic introduction to access control fundamentals. Students are given a basic real world example so that they can understand how and why access control is important. The lesson ends with the reminder that cybersecurity is important to us all but is also a possible career path.

Learning Outcomes:

- Students will partake in a discussion concerning access control and authentication in order to understand how online data is protected.

Materials:

- [The presentation can be found here](#)
- [Glossary of cybersecurity terms created by the National Cyber Security Centre](#)
 - *Contains public sector information licensed under the Open Government Licence v3.0.*

Activities:

1. This lesson could be inserted into a technology course.
2. The teacher should explain that students will learn some basic cybersecurity vocabulary during this discussion. This lesson can be combined with an online safety or password hygiene lesson.
3. The teacher should use the presentation above to guide the discussion. All information is contained within the presentation. Information is basic and easy to understand. Real world examples are given so that students can understand access control from both a technical and non technical lens.

Enrichment/Follow-up:

1. The teacher may choose to have a local cybersecurity/information security specialist talk to the students about their daily job.

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