

Cybersecurity Awareness: Creating a PSA

TOPIC: ETHICS

GRADES: 9-12

LESSON DURATION: TEACHER DISCRETION

SOFT SKILLS: RESEARCH, COMMUNICATION, COLLABORATION, CRITICAL THINKING

Introduction:

- As the world becomes more digitized it is important that citizens understand how to be safe online. It is also important that citizens understand what to do if something goes wrong or if they are a victim of cybercrime. This lesson will allow students to research, develop, and present information on cybercrime; tactics, prevention, and victims' rights and actions. This project is designed to be done in small groups. Students should utilize technology for research and development of the project.

Learning Outcomes:

- Students will research/analyze one specific cyber threat and develop a PSA on the information gathered.
- Students will work collaboratively and utilize technology to both research and develop the presentation.

Activities:

1. Begin with a basic discussion of cybercrime. What is cybercrime? What are some common examples of cybercrime? Allow students to share and discuss.
2. Place students in small groups. Each group should be assigned one of the topics below or allow students to research for topics and then bid. Suggested topics are below.
3. Students should research the topic. They should find statistics, tactics of cyber criminals, prevention methods, current event news stories, and services for victims. Students should cite their sources. There is a wealth of government resources on each of the topics. A reminder on website validity would be helpful for students.
4. Students should then create a PSA video on their assigned topic. The teacher can develop a rubric that fits into their existing classroom model.
5. The students should also develop a physical hand out with basic information and a list of resources/websites that offer services or help for victims of cybercrime.
6. Students should watch and discuss all videos.
7. Videos could be presented to other audiences as the teacher sees fit.
8. Possible topics include:
 - *Phishing*
 - *Ransomware*
 - *Identity theft*

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- *Vishing*
- *Wi-Fi safety (as related to cybercrime)*
- *ATM fraud*
- *Steganography*
- *Cyberbullying*
- *File sharing, theft of intellectual property, and piracy*
- *Child Pornography**
- *Sexting/revenge porn**

**Teacher discretion*

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