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RET Site: Cyber Security Initiative for Nevada Teachers (CSINT)

Daily Lesson Plans - Lesson 2

Instructional Days: 2 - 3

Topic Description: Privacy vs. Security And the winner is???? In this lesson the students will explore the controversial statement, “we should give up some privacy for security”? This is not really the same question we deal with in cyberspace. It is meant to unmask the dichotomy in what we think of as privacy and security in cyberspace and the real world so to better define the subject.

Objectives:

The students will be able to:

- Explain the meaning of Privacy and Security
- Compare and contrast between privacy and security in cyberspace and privacy and security in general

Outline of the Lesson:

- Students do background research on the topic of privacy vs security and then the students are split into 4 groups (20)
- Students confer with other group members on the information they have collected. (10)
- One student from each group shares the information from the group with the rest of the class. (25)
- Students are given a chance to change groups if they came to other conclusions and discuss again with their group. (10)
- Write a concise paragraph on why they support the position they arrived at. (15)
- Full class discussion with the teacher concerning privacy and security in cyberspace. (30)

Student Activities:

- Students research the given statement that “we should give up some privacy for security”
- Student groups discuss the topic
- Students change groups if they have refined their position
- Students write a concise paragraph on the topic
- Students discuss the differences concerning privacy and security in cyberspace

Teaching/Learning Activities:

- Students do background research on topic
 - Each student will research the statement “We should give up some privacy for security” on the internet. They will gather evidence in support of one of the following conclusions. **Strongly Agree, Agree, Disagree, or Strongly Disagree.** STUDENTS MUST WRITE DOWN THIS INFORMATION TO SHARE IT WITH A GROUP AWAY FROM THE COMPUTERS.
 - Break the students up into the 4 corners of the room corresponding to the conclusions they came to. A Master sheet is provided for the signs. (Four Corners Debate Labels)

- Students discuss information they collected
 - After the students are in their groups, have them use the notes they collected and discuss issues concerning their stance on the issue.
 - Have the groups decide who will present the information to the class. In this time the presenter should comprehend the information so as to provide concise statements to the rest of the class. During this time there should be someone in each group taking notice of what was said in the other groups.

- Students can change groups if they like
 - After hearing from the rest of the class, students may feel they want to change groups. Allow the students to move to other groups if they would like. Have them discuss the information in their groups again before returning to their desks.
 - It is important that students integrate the new student's knowledge into their group.
- Write a concise paragraph
 - Each student uses the notes they took to write a concise paragraph stating his or her position on the issue. (for example, *I strongly agree with the statement [statement goes here] because*) Students should include in their paragraphs the four strongest points supporting their position.
- Discuss the differences concerning privacy and security in a Nations context and cyberspace
 - The topic is usually debated in the context of protecting ourselves from outside enemies. Should we let the government listen to our phone calls or possibly more scrutiny at the airport? The discussion should go in that direction to setup the dichotomy for privacy and security in cyberspace.
 - Why would we need passwords and other security measures to protect ourselves if we want to give privacy up? Does privacy still mean the same thing as we were discussing? Security is on a personal level now. Should we have less security than any corporation or government entity? Many things to discuss on this issue.

Resources:

- Four Corners Debate Labels (Word Document)
- <http://debatewise.org/debates/3040-privacy-vs-security/>
- https://en.wikipedia.org/wiki/Right_to_privacy
- https://www.schneier.com/blog/archives/2008/01/security_vs_pri.html
- http://www.debatepedia.com/en/index.php/Debate:_Security_vs._liberty

Notes for the Future:

- The majority of students are simply willing to give up their privacy for security.
- During discussions they rarely change groups. What they initially think is where they stay.
- I feel that they falsely believe that they are antagonistic ideas.
- I must do more to get them to understand that these two are not mutually exclusive.
- I think recalling the meme or existing current in our society that we have to give up some privacy for security has set in and it's hard to move them past that.