

ICD20 – Lesson #2 worksheet

Learning Goals: Students will

- Explore the concept of privacy as it relates to the Internet
- Learn about key threats to cybersecurity
- Learn tools for protecting themselves and their networked devices from cybersecurity threats
- Understand the potential risks of sharing inappropriate information

1. Why should you not use dictionary words in your passwords?

2. How can our social networking activities give your passwords away?

3. What two elements contribute to password strength?

4. Create a passphrase and explain what it means.

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1. Define terms :

“Antivirus”

“Virus”

“worm”

“Trojan”

“Spyware”

“unknown”

“zero-Day virus”

“Virus finger print”

2. List and explain four different strategies for preventing and dealing with malware.

3. List and explain five myths about malware and antivirus

4. List two ways in the story in which computers are infected by malware.

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1. Define the following terms:

“ Geotagging”

“ Latitude”

Longitude

EXIF: 2

2. What information is included in a geotag?

3. What personal information about Jane was revealed at

8:12 AM	
8:45 AM	
11:03 AM	
12:25 PM	
5:56 PM	
10:48 PM	

4. What steps should you take to keep yourself from giving away too much privacy through your photos?

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Rubric for the worksheet completion

Criteria	Level 4	Level 3	Level 2	Level 1
Accuracy	All answers are correct and demonstrate a deep understanding of the concepts.	Most answers are correct with minor errors that do not significantly impact understanding.	Several answers are incorrect or incomplete, but overall understanding is evident.	Many answers are incorrect or incomplete, indicating a lack of understanding.
Neatness and Clarity	Worksheet is neatly organized with clear headings, labels, and legible handwriting.	Worksheet is mostly neat and organized, but may contain some clutter or minor illegibility.	Worksheet is somewhat messy or disorganized, making it difficult to follow.	Worksheet is messy and disorganized, making it difficult to decipher the responses.
Completeness	All required questions and tasks are fully completed with thorough responses.	Most required questions and tasks are completed, but some sections may be partially incomplete.	Several sections are incomplete or missing, resulting in gaps in understanding.	Many sections are incomplete or missing, indicating a lack of effort or engagement.
Attention to Detail	Responses demonstrate careful attention to detail, including proper formatting and use of relevant examples where required.	Responses show some attention to detail, but may lack consistency or precision in formatting or use of examples.	Responses lack attention to detail and may contain errors or inconsistencies in formatting or examples.	Responses demonstrate little to no attention to detail, with frequent errors and inconsistencies.

Overall: