

ICD20: Unit 5 Cybersecurity – Protect us from the cyber threats!

Deadline: _____ Name: _____

Overarching Learning Goal : demonstrate an understanding of safe and effective practices related to data and cybersecurity in various contexts.

Introduction: You’ve learned how important to protect data from some cyber threats through the comic-book lessons. For this assignment, you are an artist to create a comic-strip to educate your friends and families.

You and your partner are to: Create a comic strip that educates others on the importance of cybersecurity, focusing on one of the following topics – circle your choice:

Spam, Phishing/Smishing, identity theft, Online fraud, Scareware, 419 Scam, IP spoofing, Pharming, Bluejacking, Man-in-the-middle attacks

Your comic assignment must:

1. **Clearly explain the topic:** What is your chosen threat? How would an individual be attacked by this threat?
2. **Use appropriate language:** Use language suitable for a school setting. Any use of inappropriate language will result in a zero for the assignment, with consequences following.
3. **Deliver clear messages:** Offer the reader useful and concrete steps to protect themselves from the chosen threat.
4. **Be handed in along with the worksheet(research) you completed, including your list of sources used.**

Note: Guidelines for Comic Creating - Refer to the next page for a guideline on creating a comic strip. You are also encouraged to explore your own creative ideas.

See the following rubric for details:

K/U and APP	Level 4/4+ 8 - 10	Level 3 7 - 8	Level 2 6 - 7	Level 1 5 - 6	R 0 - 5
Relevance and accuracy of information related to online privacy. (research worksheet)	The comic strip excels in providing accurate and relevant information about chosen cyber threat, going above and beyond expectations to educate and inform readers effectively.	The comic strip provides comprehensive and accurate information about chosen cyber threat, covering key concepts in a detailed and insightful way.	The comic strip includes some accurate information about chosen threat, but key concepts are missing or unclear.	The comic strip includes limited information about chosen threat, but key concepts are missing or unclear.	The comic strip contains inaccurate or irrelevant information related to the chosen threat.
T/I and COM	Level 4/4+	Level 3	Level 2	Level 1	R
- Clarity and coherence of the storyline and characters. - Overall presentation and appeal of the comic strip.	The storyline is clear, engaging, and well-developed, with a logical progression of events that captivates the reader's attention	The storyline is mostly clear and coherent, with a cohesive structure that effectively conveys the intended message or theme.	The storyline is somewhat clear but lacks depth or complexity, with a basic structure that may feel predictable	The storyline is unclear, making it difficult for the reader to follow or understand the narrative progression	The storyline is disjointed with little to no coherence in the progression of events.
- Creativity and originality in conveying the message.	The comic strip stands out for its exceptional creativity and originality,	The comic strip showcases creativity and originality in its storytelling approach,	The comic strip demonstrates some creativity in conveying the message,	The comic strip demonstrates limited creativity and originality in conveying the message	The comic strip demonstrates no creativity and originality in conveying the message

Total _____/20

Your comic strip can be done in your choosing medium (by hand or created using an online comic creator). Some suggestions are provided here:

- Smilebox (<https://www.smilebox.com/maker/comic-maker/>) allows to create photo-comics
- Canva (<https://www.canva.com/design/play?category=tACZCigycaA&referrer=comic-strips-landing-page>) provides premade comics templates and characters

Some Guidelines:

- **Choose Engaging Characters:** Create characters that are relatable and engaging for the target audience. Consider using diverse characters with different backgrounds and interests to appeal to a wide range of readers.
- **Develop a Compelling Storyline:** Craft a storyline that incorporates cybersecurity tips and best practices in a way that feels natural and engaging. The storyline could involve characters facing cybersecurity threats and learning how to protect themselves online.
- **Highlight Best Practices:** Integrate cybersecurity best practices and tips into the comic strip, such as using strong and unique passwords, enabling two-factor authentication, avoiding suspicious links and emails, updating software regularly, and using secure Wi-Fi networks.
- **Use Visual Elements Effectively:** Utilize visual elements such as illustrations, speech bubbles, and captions to convey information in a clear and visually appealing manner. Use colors, symbols, and icons to represent cybersecurity concepts and actions.
- **Keep it Simple and Accessible:** Ensure that the language and concepts used in the comic strip are easy to understand for the target audience, which may include children, teens, adults, or seniors. Avoid using overly technical jargon that may confuse readers.
- **Provide Actionable Advice:** Offer practical tips and advice that readers can implement in their daily lives to improve their cybersecurity posture. Encourage readers to take proactive steps to protect themselves online.
- **Include Real-Life Examples:** Incorporate real-life examples and scenarios of cybersecurity threats and incidents to make the comic strip more relatable and relevant to readers. Show the consequences of ignoring cybersecurity best practices and the benefits of following them.
- **End with a Call to Action:** Conclude the comic strip with a call to action, encouraging readers to take specific steps to enhance their cybersecurity awareness and practices. Provide resources or links where readers can learn more about cybersecurity and access additional tools and resources.
- **Test and Iterate:** Test the comic strip with a sample audience to gather feedback and make improvements. Iterate on the storyline, characters, and visual elements based on the feedback received to ensure that the comic strip effectively educates and engages readers.

Cybersecurity Research Worksheet

1. List at least three key facts about your topic and explain why they are important for people to know.

2. List three tools that people can use or steps that people can take to deal with the issue. Include a brief paragraph explaining how to do them.

3. List at least three sources that you used in finding and verifying this information.