

Cybersecurity CyberSnack: Next Letter

Time: 10-15 min

What You'll Need: **Next Letter Handout**



NICE FOCUS: Cybersecurity Career Awareness

Learning Objectives: I can explain the connection between cybersecurity careers and the cybersecurity techniques, strategies, and the skills needed for these careers such as: logical thinking, need for people who think “out of the box,” problem solving, and recognizing patterns.

Essential Question: What do you think are the essential skills needed in a cybersecurity career?

Key Words: cybersecurity, encryption, logical thinking, thinking outside the box, problem solving, pattern recognizing

Activity Steps

Teacher Action	Student Action
<ol style="list-style-type: none"> 1. <u>Display or share</u> the “Next Letter” poster 2. <u>Ask:</u> Who can tell me what the next letter would be? <ol style="list-style-type: none"> a. ANSWER: The letter “T” Start from the beginning of the left side, the first letter would be K. Move to end of the right side, the letter is “L”. Moving back and forth, the next letter would be “T.” 3. <u>Ask:</u> What do you think is the connection between solving riddles and a cybersecurity career? <ol style="list-style-type: none"> 1. ANSWER: The skills it takes to solve a riddle are very similar to the skills needed in a cybersecurity career. It is important to have diverse ways of thinking about how to solve problems. <p><u>Explain context:</u> Cybersecurity is the practice of deploying people, policies, processes and technologies by designing, developing, implementing, and maintaining defensive and offensive strategies to protect organizations, their critical systems and sensitive information from digital attacks. Discuss the connection between careers in cybersecurity and the skills needed such as: logical thinking, need for people who think “out of the box,” problem solving, recognizing patterns.</p>	<p>Think of possible answers and ask for clarification as needed. Students share responses in teacher chosen method</p>



KMOQS

?RPNL



question mark?

