Cybersecurity CyberSnack: Pig Pen Cipher

Time: 10-15 min

What You'll Need: Pig Pen Cipher

VNICE FOCUS: Cybersecurity Career Awareness

Learning Objectives: I can understand the importance of cryptography by completing the Pig Pen Cipher activity.

Essential Question: What is cryptography and how is a cipher related to it?

Key Words: cipher, cryptology, cryptography, cryptanalysis, key, encoding, decoding

Activity Steps

Teacher Action	Student Action
 Ido, we do, you do Model how pigpen cipher works with your own message Practice as a class or group how a pigpen cipher works with your own message Distribute handout or display pigpen cipher to be completed individually Answer: "cyber security is a great career" Reflection Question: What do you think is the connection between the activity you just completed and a cybersecurity career?	 I do, we do, you do Students are engaged Students work as a class or in groups to decipher message Students complete activity on their own Students share responses through teacher's preferred method.





The Pigpen Cipher was used by Freemasons in the 18th Century to keep their records private.

Symbols represent the letters.



