Cybersecurity CyberSnack: Flag Messages

Time: 10-15 min	What You'll Need:	Flag Handout. Flags are optional

VICE FOCUS: Cybersecurity Career Awareness

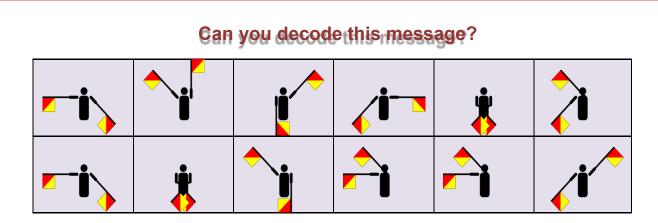
Learning Objectives: I can explain the connection between cybersecurity careers and the cybersecurity techniques, strategies, and the skills needed for these careers such as: logical thinking, need for people who think "out of the box," problem solving, and recognizing patterns.

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

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

Activity Steps

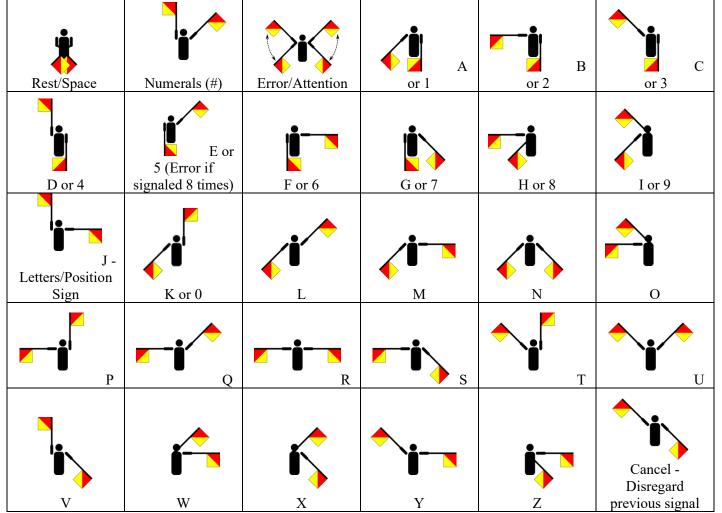
For online resource see: <u>Flag Semaphore - Online Decoder, Encoder, Translator</u> (dcode.fr) and Ocean City, MD Beach Patrol Interactive <u>Beach Semaphore</u>	
Fun Fact: The popular peace sign is really the combination of two semaphore letters N and D and stands for Nuclear Disarmament.	



SEMAPHORE FLAG SIGNALING SYSTEM

SEMAPHORE FLAG SIGNALING SYSTEM HANDOUT

The system for conveying information at a distance by means of visual signals with hand-held flags, or occasionally bare or gloved hands. Information is encoded by the position of the flags; it is read when the flag is in a fixed position. Semaphores were adopted and widely used in the maritime world in the 19th century.



Ocean City Maryland and Bethany Beach Delaware Lifeguards are perhaps the last remaining lifeguard organizations in the U.S. to use this system. In Ocean City, it has been a tradition with the rescue unit since the 1930s, and complete messages can be relayed up and down 10 1/2 miles of beach.