

Name:

Date:

Class:

Encrypted Message Sheet

Part I: While exploring outer space, your shuttle receives a transmission from Earth. However, due to a solar flare, the transmission was garbled. Your task is to help the space shuttle's computer figure out what the message was supposed to say.

Garbled transmission	Code/ shift	Use this space to translate the message
OLWYA EO XEC.	4	
LBH WHFG JBA'G	13	
SVCZVMV YFN MRJKCP	9	
ERDBIV, JFKA- YLDDIFKDIV	3	
XEC EP EO.	4	
- BMSEJYQ YBYKQ	2	
SGD GHSBGGHJDQ'R FTHCD SN SGD FZKZWX	1	



Turn over the page for Part II.

Part II: Now it's your turn! Find a quote from your favorite movie and, using a numeric cipher key, encrypt the message to Earth.

Protocols for Message

When you convert your message, you must follow these rules:

- 1. You can only send 3 words at a time.
- 2. You must include a cipher number with your message.
- 3. The encoded message must be in all caps.

Quote:		
Message to be encoded	Code/ shift	Encoded message

Reflection Questions

Instructions: Answer the following questions regarding your encryption efforts above.

1. How would someone know how to decode your message?
2. What information would you need to share with the recipient?
3. Would your encryption method be more secure than a Caesar cipher? Why or why not?