



U.S. Department of the Interior Bureau of Land Management

STAGER'S CIPHER WORKSHEET

 **Problem 1.** Decipher the famous quote by the American pioneer Amelia Earhart.

**BECOME OPPORTUNITY INTO FISH TREE IS TRANSFORM GIRL
WHERE CLOUD RIVER THE LAND DREAMS AMELIA EARHART CAN
PICNIC FRONTIER SING**

	2	3	
8		11	
1			4

1 2 3 4

CODE WORDS

GIRL → a
SING → duty
TREE → it
PICNIC → of
RIVER → our
CLOUD → reality
FISH → to

Message: _____

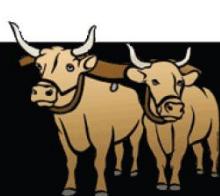
 **Problem 2.** Decipher Mother Teresa's message. Use code words from above.

**I THE CAN ACROSS CREATE MANY THE CAST WORLD ALONE CANNOT
BUT GIRL WATERS RIPPLES MAMA FISH STONE I CHANGE**

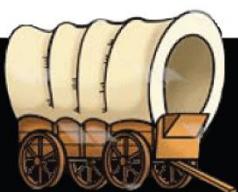
1		3	
	7		
2		4	

1 2 3 4

Message: _____



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Extra Practice. Decipher this message from Winston Churchill.

HORSE IT JAIL GOLD CONTINUE DREAM DREAM DREAM FOUND FOUND
THE THAT FINAL FATAL COURAGE COUNTS

		3	4
	7		5
1	2		

1

2

3

4

CODE WORDS

GOLD → success
JAIL → failure
DREAM → is
FOUND → not
HORSE → to

Message: _____



Challenge Practice. Write your own code. Choose a key, some coded words and encode your own message. Fill in the matrix and key to help you code. If your message is short, color in the rows you do not need. Copy the final coded message, key and code words below and give it to a friend to solve. (Make sure to color in the rows not needed for the solution as well.)

Your Message:

1

2

3

4

Coded Message:

_____ Fold here and give to a friend to solve. _____

Coded Message:

1

2

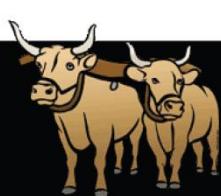
3

4

Your Message:

CODE WORDS

→
→
→
→
→



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