

# Instructions

## How to use the clues:

Place the clues around the room for players to find in any order.

These two clues should be placed together

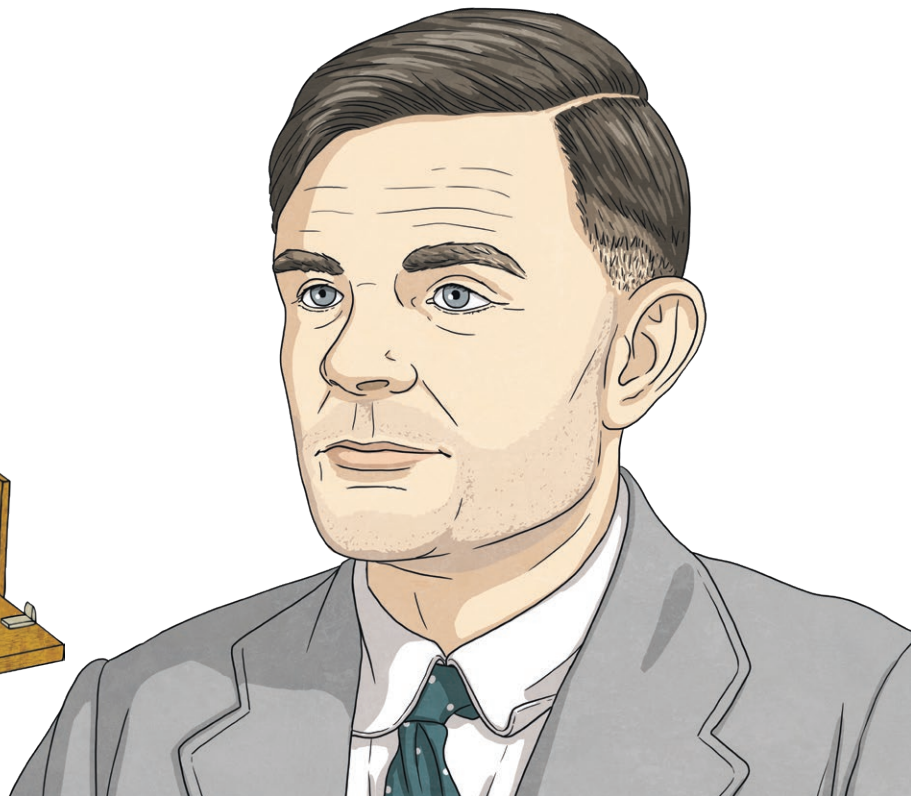
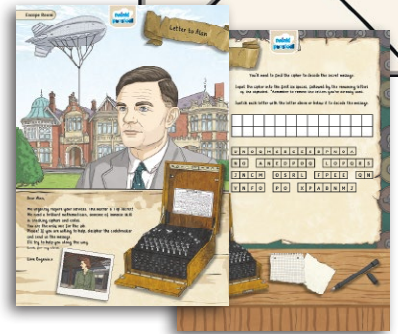
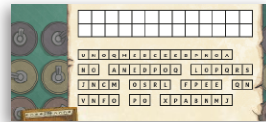
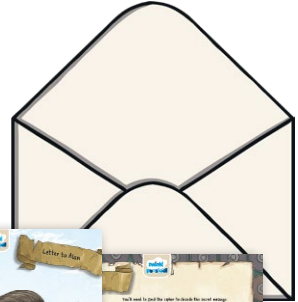
Place the Letter to Alan and the Codebreaker Clue in an envelope. Hand this to the players to start the game.

The players must solve the clues to find a way to decipher the secret code.

## How to use the hints:


Cut out and fold each of the hints along the dotted line.

Stand the hints nearby their corresponding clue so that players can access them if they need a nudge in the right direction.




Shade in all numbers higher than 1 in the code to reveal a word.

Radio Clue  
Hint 2



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Radio Clue  
Hint 1




Look carefully at the code.

twinkl.com


Match up the dots and dashes with the letters on the plaque.

Mona Lisa Clue  
Hint 2



---

Mona Lisa Clue  
Hint 1




Is there a pattern between the message and the dots and dashes?

twinkl.com


The last letters of each line are repeated twice. The repeated letters join to spell a word.

Telegram Clue  
Hint 2



---

Telegram Clue  
Hint 1



Look at the last six sentences. Can you spot any similarities in the letters at the end of each sentence?

twinkl.com

Use a pen to join up the images.

Postcard Clue  
Hint 1



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Postcard Clue  
Hint 1



The images correspond to the stamps on the letter.

twinkl.com



What word does the first letter of each object in the 'X' spell?



Board Game Clue  
Hint 2

Board Game Clue  
Hint 1



Match up the colours on the grid with the tokens.

There are two words. One on the vertical and one on the horizontal.



Telephone Clue  
Hint 2

Telephone Clue  
Hint 1



Bring the clue up to eye level. Close one eye, hold the paper flat and look for a word.

The letters on the watch correspond to the numbers in the note to spell a sentence.



Watch Clue  
Hint 2

Watch Clue  
Hint 1



Match up the numbers in the note with the time on the watch.

Add the letters from the clues into the first six boxes.



Codebreaker Clue  
Hint 2

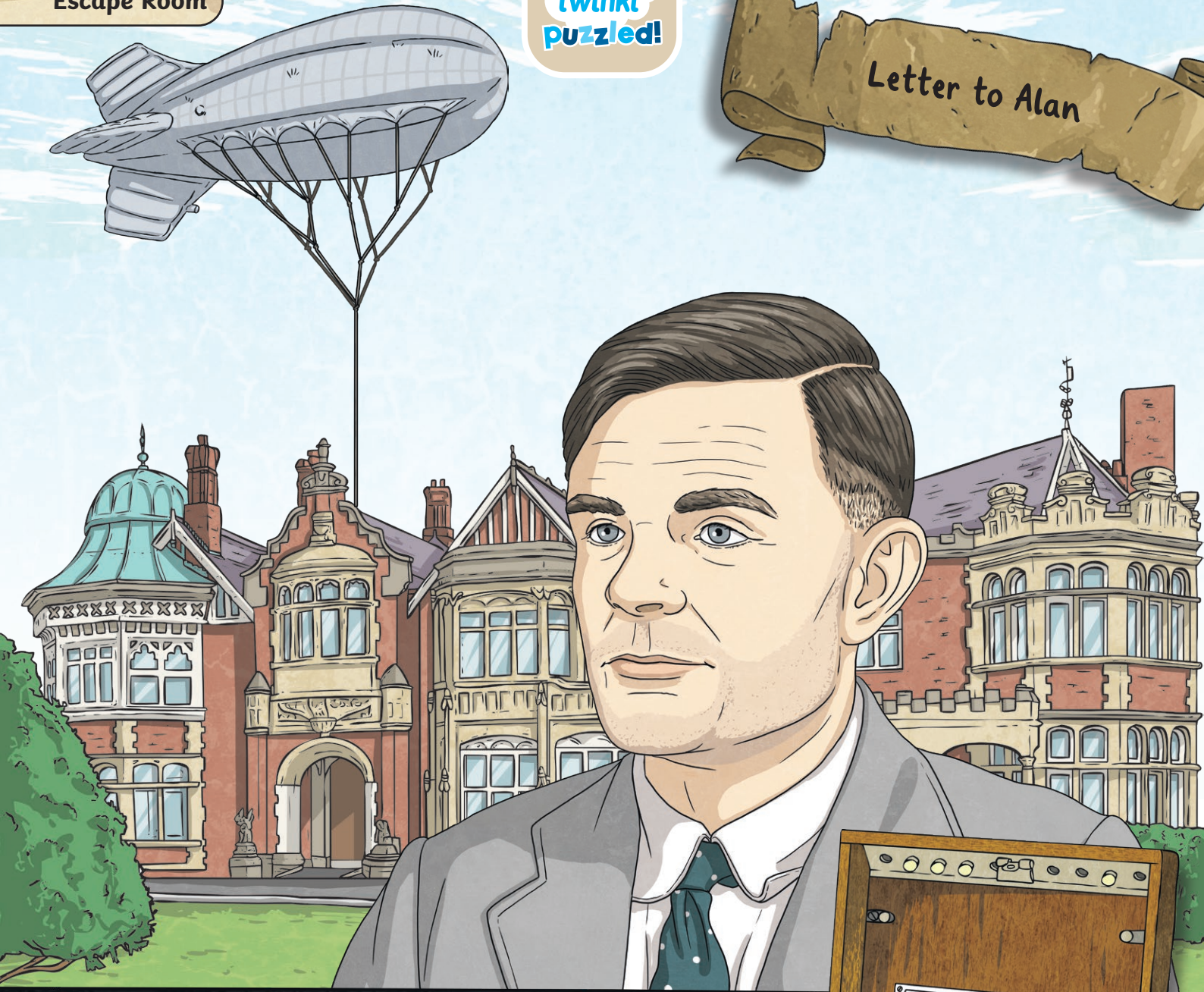
Codebreaker Clue  
Hint 1



Find the numbers in the clues to place the letters in the correct order.



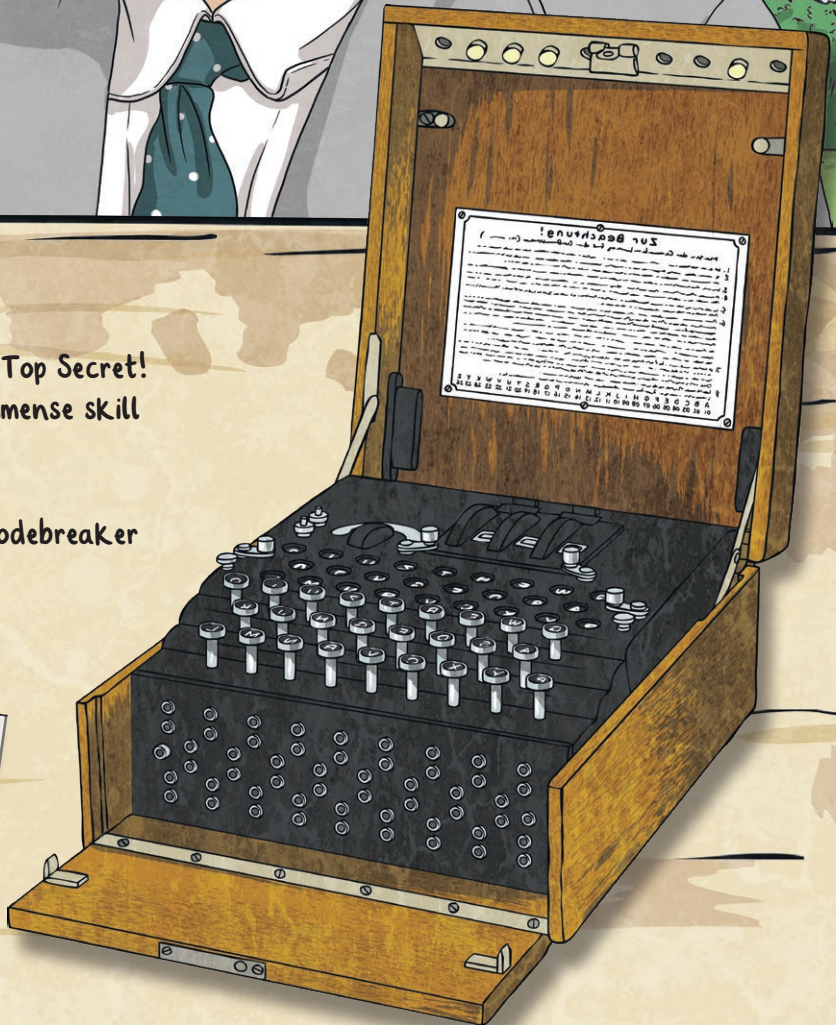
## Letter to Alan



Dear Alan,

We urgently require your services. The matter is Top Secret!  
 We need a brilliant mathematician, someone of immense skill  
 in cracking ciphers and codes.  
 You are the only one for the job.  
 Please! If you are willing to help, decipher the codebreaker  
 and send us the message.  
 I'll try to help you along the way.  
 Look for my clues.

Love Eugenia x





Codebreaker

You'll need to find the cipher to decode the secret message.

Input the cipher into the first six spaces, followed by the remaining letters of the alphabet. \*Remember to remove the letters you've already used.

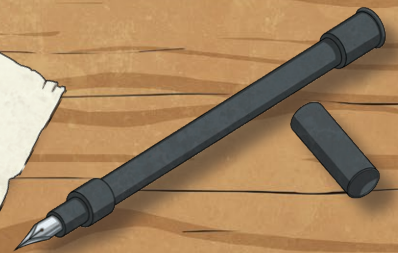
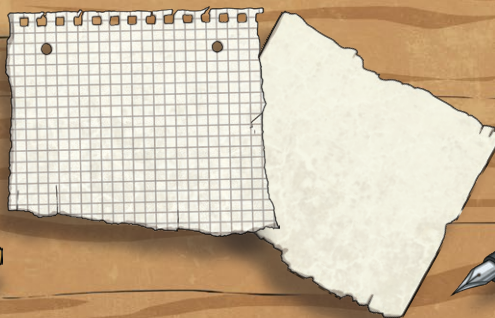
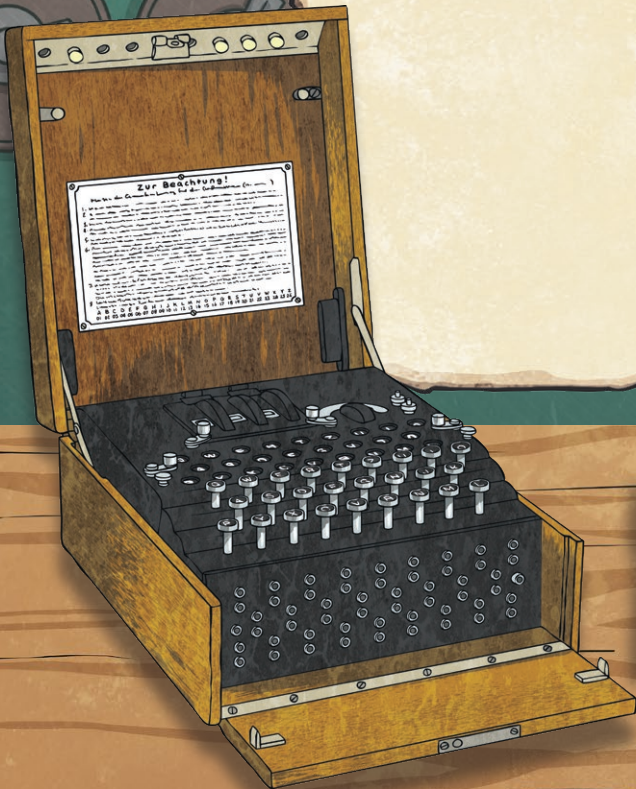
Switch each letter with the letter above or below it to decode the message.


U N O Q M S B C E S B P N O A

N O      A N E D P O Q      L O P Q R S

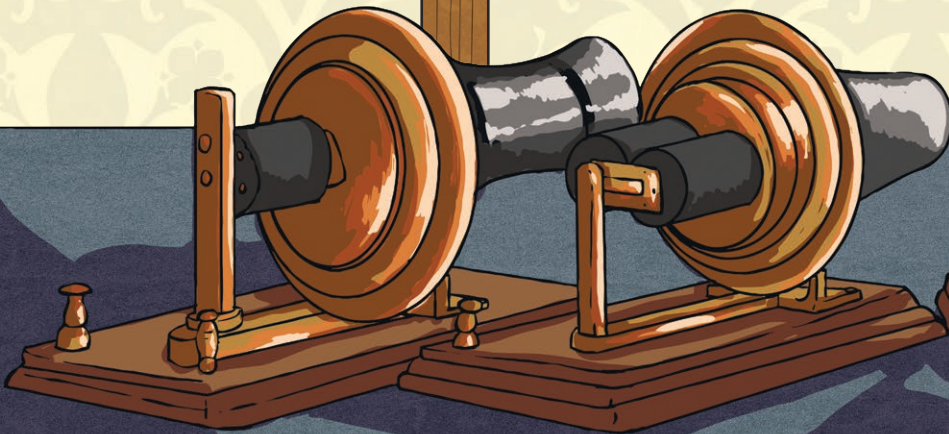
J N C M      O S R L      F P E E      Q N

V N F O      P O      X P A B N M J





Telephone Clue



Dear Alan,

Every evening I've been receiving the same call. I pick up, but all I can hear is white noise. I connected the telephone to a polygraph machine and it transcribed a shape which I have included with this note. At the end was a section of code that I translated to this:

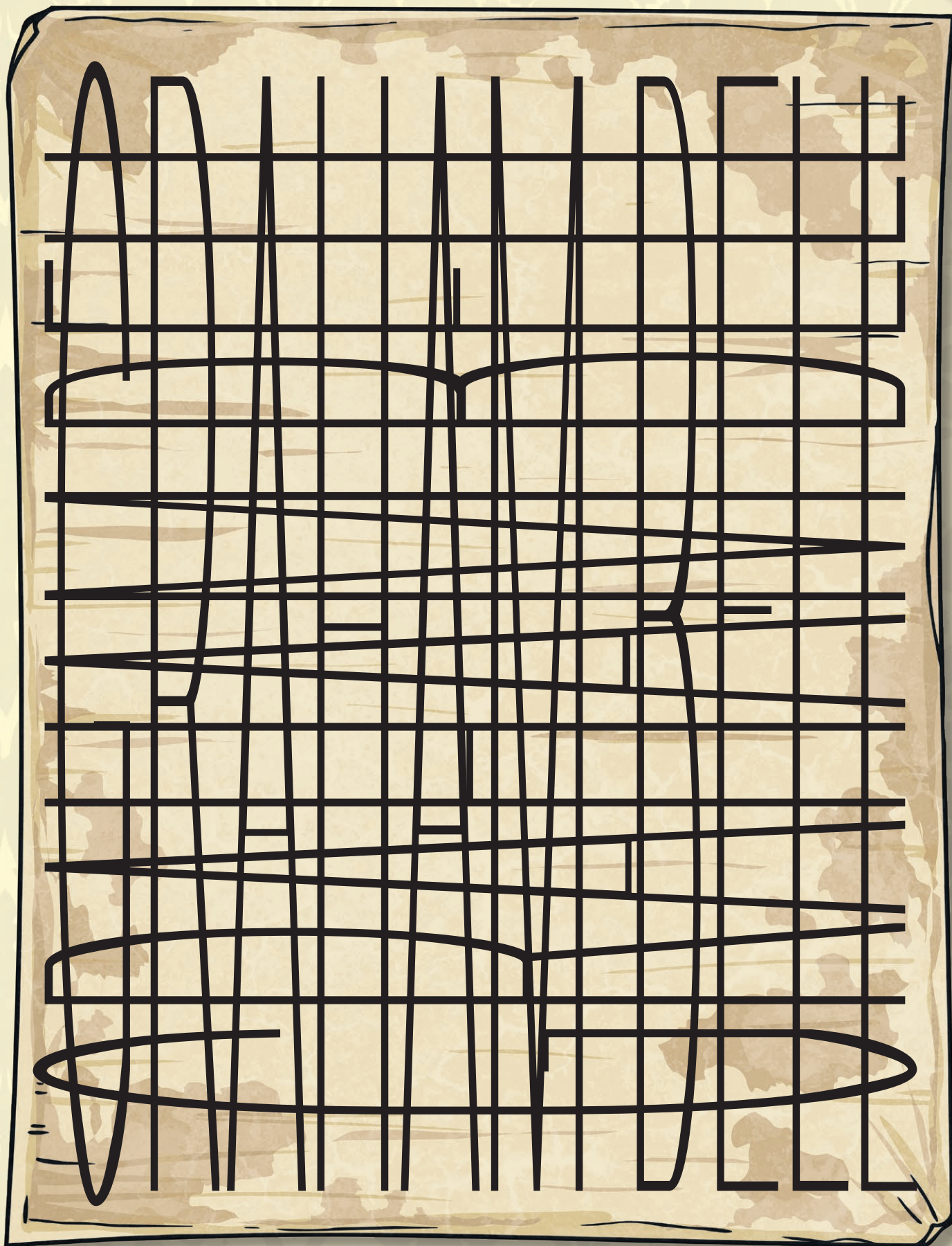
"Bring the paper up to your nose, close one eye and tilt it flat. Look at the paper from all directions."

What do you make of it?

Love Eugenia x



Telephone Clue







T.G. 42A

Office Date Stamp

FUNDS MAY BE QUICKLY, SAFELY, AND  
ECONOMICALLY TRANSFERRED BY  
MONEY ORDER TELEGRAM

## URGENT TELEGRAM

T  
C  
B

3

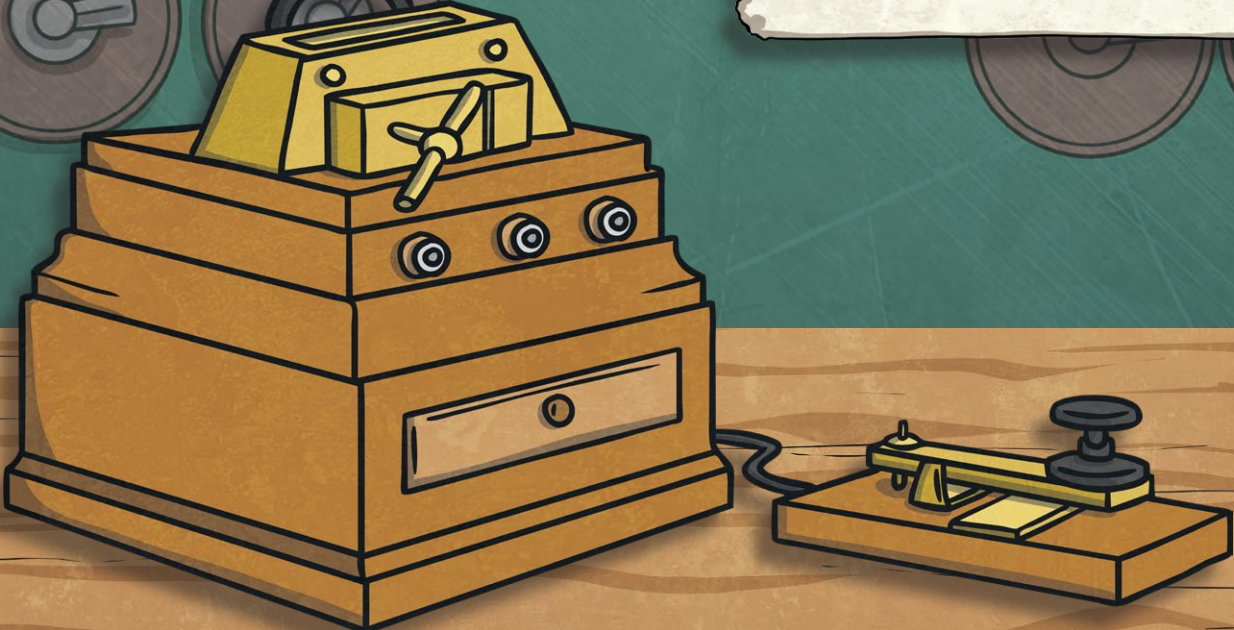
. . . . .

OFFICE OF ORIGIN	No. OF WORDS	TIME OF LODGEMENT	No.
<p>Repeated twice, the clue is precise. The last six lines will hide a word. The sign you seek will join the thirds.</p> <p>Future to begin Days down to seven Seek a curator</p> <p>Antique vase - porcelain Sculpture of raven Meet the visitor</p>			

Dear Alan,

Today we received a telegram that  
we believe is from the other side.  
What could it mean?

Love Eugenia x

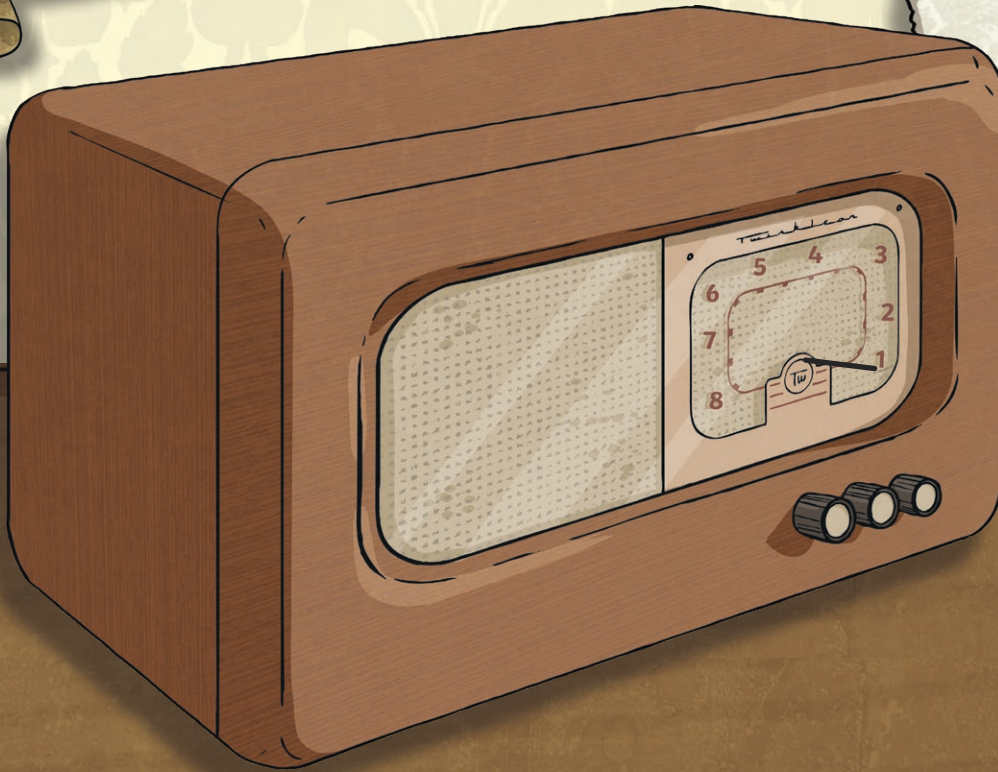




Radio Clue

Dear Alan,  
We've intercepted a radio transmission that contained some form of code. I've transcribed it below. What can you make of it?

Love Eugenia x



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0 1 0 1 1 1 1 1 0 0 1 0 0 1 0 1 0 1 1 0 0 0 0 0 1 0 0 0 1 0 1 1 0
0 0 0 0 1 1 1 0 1 0 1 0 1 0 1 1 1 1 0 1 0 1 0 1 1 0 1 1 1 0 0 1 1 0
1 1 1 0 1 1 1 1 1 0 1 0 1 1 1 0 1 0 1 1 0 0 1 0 1 0 0 0 0 0 0 1 1 1
0 0 0 0 0 1 0 0 1 0 1 0 1 1 0 0 0 1 0 1 1 0 0 0 1 0 0 0 1 1 1 0 0 0
1 1 3 3 3 1 0 0 1 1 1 1 0 2 1 0 1 0 1 1 0 1 0 0 0 1 0 1 0 0 1 0 1 0
0 0 3 1 1 1 1 1 1 0 1 0 0 2 1 1 5 5 5 5 0 0 1 4 4 0 1 0 1 0 1 1 1 0
1 0 3 3 3 0 0 4 4 4 0 0 0 2 0 0 5 0 1 1 0 0 4 0 0 4 1 0 2 0 1 2 1 1
1 0 3 0 1 1 1 4 1 0 4 0 0 2 1 1 0 5 0 0 1 1 4 0 1 4 0 0 2 2 1 2 0 0
1 0 3 3 3 1 0 4 1 0 4 1 0 2 1 0 0 1 5 1 1 1 4 0 1 4 1 0 2 1 2 2 1 1
0 1 1 0 1 0 0 4 1 1 4 1 0 2 0 0 1 0 1 5 0 1 4 0 1 4 1 1 2 0 0 2 0 1
1 0 0 1 0 1 1 4 4 4 0 1 1 1 0 0 5 5 5 0 0 1 1 4 4 0 1 1 2 1 1 2 1 1
0 0 1 0 1 0 0 1 1 0 1 1 0 1 1 0 0 0 0 0 1 1 1 1 1 0 1 0 0 1 0 0 1 0
1 1 1 1 1 0 1 0 0 1 0 0 0 1 1 0 0 1 1 0 1 0 1 1 1 1 0 0 0 1 0 1 0 0
0 0 1 1 1 1 1 1 0 1 0 0 1 1 1 0 0 0 0 0 0 1 0 1 0 1 0 1 0 1 1 0 1 1
1 0 0 1 1 0 1 0 0 0 1 1 1 0 0 0 1 0 0 1 0 1 1 0 0 0 0 0 1 1 0 1 0 1
1 0 0 1 1 0 1 0 1 0 1 1 0 1 1 0 1 1 0 0 1 0 1 1 1 0 0 1 0 1 0 1 1 1

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Postcard Clue



Dear Alan,

I have disguised this note as a long distance postcard in case it is intercepted. To find the clue, match the images on my note to the stamps on the letter. I have also included my handkerchief; it may help you find another clue.

Love Eugenia x





Mona Lisa Clue

Dear Alan,

This painting is a fake. The real one was stolen and its whereabouts are now unknown. The thief left this message on the plaque.

Love Eugenia x



5

A portrait of the Lady Elizebeth Smith Friedman painted by Leonardo Di Capricio in 1956; it is now on display in the British Museum

..... .-.....  
..... .-.....; ..  
.....-.....





Watch Clue



There is not much time.

Meet me at two, on the fifth bench in the park of the seven sisters. I'll be carrying eleven red roses. Bring a newspaper with the exact date: 8/9. We now have only ten days to act before the 2/12, when seven ships, two submarines and two zeppelins will be deployed at the seventh hour. Nine civilians and six of our men were already lost to the cause on that fateful day. We cannot let this happen again, now, at the eleventh hour. We're calling the seventh and final operation Bones Fourpenny, so as not to arouse suspicion in public. I've hidden the five items you will need for the mission in a safe place at Fourth Avenue. You have twelve hours to input the code: 3 7.

Till then, your dearest Eugenia x

P.S. The cipher is in the message





GRAHAM  
BELL



T.G. 42A

FUNDS MAY BE QUICKLY, SAFELY, AND  
ECONOMICALLY TRANSFERRED BY  
MONEY ORDER TELEGRAM

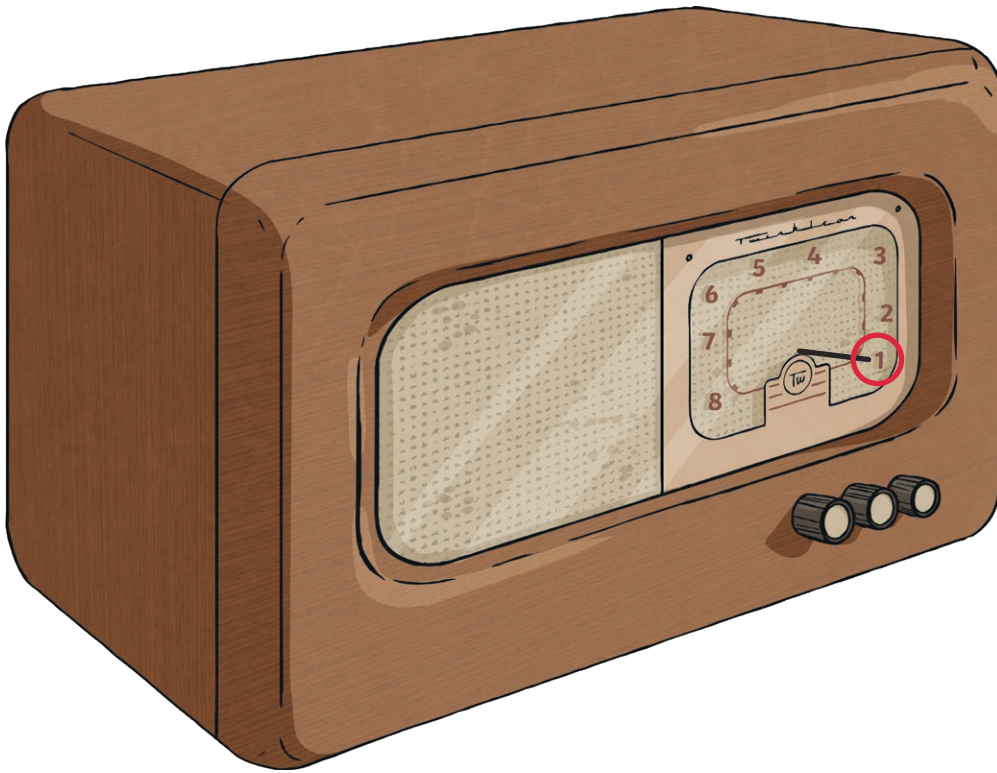
**URGENT TELEGRAM**

Office Date Stamp  
**3**

T  
C  
B

OFFICE OF ORIGIN	No. OF WORDS	TIME OF LODGEMENT	No.
Repeated twice, the clue is precise. The last six lines will hide a word. The sign you seek will join the thirds.			
Future is uncertain	IN	<b>INVENTOR</b>	
Days down to seven	VEN		
Seek a curator	TOR		
Antique vase - porcelain	IN		
Sculpture of raven	VEN		
Meet the visitor	TOR		





0 1 0 1 1 1 1 1 1 0 0 1 0 0 1 0 1 0 1 1 0 0 0 0 0 1 0 0 0 1 0 1 1 0  
 0 0 0 0 1 1 1 0 1 0 1 0 1 0 1 1 1 1 0 1 0 1 0 1 1 0 1 1 1 0 0 1 1 0  
 1 1 1 0 1 1 1 1 1 0 1 0 1 1 1 0 1 0 1 1 0 0 1 0 1 0 0 0 0 0 0 1 1 1  
 0 0 0 0 0 1 0 0 1 0 1 0 1 1 0 0 0 1 0 1 1 0 0 0 1 0 0 0 1 1 1 0 0 0  
 1 1 2 3 3 1 0 0 1 1 1 1 0 2 1 0 1 0 1 1 0 1 0 0 0 1 0 1 0 0 1 0 1 0  
 0 0 1 1 1 1 1 1 0 1 0 0 2 1 1 5 5 5 5 4 4 0 1 0 1 0 1 1 1 0  
 1 0 3 3 3 0 0 4 4 4 0 0 2 0 0 5 0 1 0 0 4 0 0 4 0 2 1 2 1  
 1 0 1 0 1 1 1 4 1 0 4 0 0 2 1 1 0 5 0 0 1 4 0 1 4 0 2 1 2 0  
 1 0 1 2 2 1 0 4 1 0 4 1 0 2 1 0 0 1 5 1 1 1 0 1 4 0 2 2 2 1  
 0 1 1 0 1 0 0 4 1 1 4 1 0 2 0 0 1 0 1 5 0 1 0 1 4 1 2 0 2 0  
 1 0 0 1 0 1 1 4 4 4 0 1 1 1 0 0 5 5 5 0 0 1 1 4 4 0 1 1 2 1 1 2 1  
 0 0 1 0 1 0 0 1 1 0 1 1 0 1 1 0 0 0 0 0 1 1 1 1 1 0 1 0 0 1 0 0 1 0  
 1 1 1 1 1 0 1 0 0 1 0 0 0 1 1 0 0 1 1 0 1 0 1 1 1 1 0 0 0 1 0 1 0 0  
 0 0 1 1 1 1 1 1 0 1 0 0 1 1 1 0 0 0 0 0 0 1 0 1 0 1 0 1 0 1 1 0 1 1  
 1 0 0 1 1 0 1 0 0 0 1 1 1 0 0 0 1 0 0 1 0 1 1 0 0 0 0 0 1 1 0 1 0 1  
 1 0 0 1 1 0 1 0 1 0 1 1 0 1 1 0 0 1 0 1 1 1 0 0 1 0 1 0 1 0 1 1 1

**E D I S O N**





# NEWTON











5

A portrait of the Lady Elizebeth Smith Friedman painted by Leonardo Di Capricio in 1956; It is now on display in the British Museum

..... .M.....  
 ..... ..O..... ..R.. ..; .. ..  
 ..S..... .. ..E..

MORSE



The Cypher is  
2 5 7 11 8 9 10 2 12 7 2 2 7 9 6 11 7 1 4 5 4 12 3 7.  
the first letter of each clue



There is not much time.

Meet me at two, on the fifth bench in the park of the seven sisters. I'll be carrying eleven red roses. Bring a newspaper with the exact date: 8/9. We now have only ten days to act before the 2<sup>nd</sup> of December, when seven ships, two submarines, and two zeppelins will be deployed at the seventh hour. Nine civilians and six of our men were already lost to the cause on that fateful day. We cannot let this happen again, now, at the eleventh hour. We're calling the seventh and final operation Bones Fourpenny, so as not to arouse suspicion in public. I've hidden the five items you will need for the mission in a safe place at Fourth Avenue. You have twelve hours to input the code: 3 7.

Till then, your dearest Eugenia x

P.S The cipher is in the message



You'll need to find the cipher to decode the secret message.

Input the cipher into the first 6 spaces, followed by the remaining letters of the alphabet. \*Remember to remove the letters you've already used.

Switch each letter with the letter above or below it to decode the message.

E	N	I	G	M	A	B	C	D	F	H	J	K
L	O	P	Q	R	S	T	U	V	W	X	Y	Z

C O N G R A T U L A T I O N S

O N      S O L V I N G      E N I G M A

Y O U R      N A M E      W I L L      G O

D O W N      I N      H I S T O R Y