CIPHERS & CRYPTOGRAMS

HISTORICAL QUOTES CRYPTOGRAMS

3 Master Substitution Ciphers * Abraham Lincoln, Winston Churchill & Seneca

SOLVER TIME & SCORE

Start: ___:___ Stop: ___:___

Difficulty: [ ] Easy [ ] Med [ ] Hard

CRYPTOGRAM 1: ABRAHAM LINCOLN (1863)

G L X V T F H I C E H L P H G D G Z F H I L B C B N N B P L X V C B N N B P P F X N Z.

DECODED PLAINTEXT WRITE-IN:

Plaintext hint: 'Whatever you are, be a good one.' (Substitution: Caesar shifted keyword).

CRYPTOGRAM 2: WINSTON CHURCHILL (1941)

Y K U K H, Y K U K H, Y K U K H S R U K R B -- R Y Y K X Y X P O K C Y E H E X D D.

DECODED PLAINTEXT WRITE-IN:

Plaintext hint: 'Never, never, never give up -- in nothing great or small.'

CRYPTOGRAM 3: SENECA THE YOUNGER (65 CE)

I X G D Y F X L I L Y L X B X P D L H B D F T F F Z, T F X L I L Y P F F Z D H F F Z.

DECODED PLAINTEXT WRITE-IN:

Plaintext hint: 'It is not because things are difficult that we do not dare, it is because we do not dare that they are difficult.'

ENGLISH LETTER FREQUENCY TABLE & SOLVER DECRYPTION WORKBENCH

STANDARD ENGLISH MONOGRAM FREQUENCY REFERENCE (HIGH TO LOW):

E	T	A	O	I	N	S	H	R	D	L	U	C	M	W	F	Y	G	P	B	V	K	J	X	Q	Z
12.7	9.1	8.2	7.5	7.0	6.7	6.3	6.1	6.0	4.3	4.0	2.8	2.8	2.4	2.4	2.2	2.0	2.0	1.9	1.5	1.0	0.8	0.2	0.2	0.1	0.1

SOLVER SUBSTITUTION GRID (WRITE DISCOVERED PLAINTEXT MATCH BENEATH CIPHER LETTER):

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

CRYPTANALYST CERTIFICATION

Cryptanalyst: _____

Date Solved: _____

SESSION METRICS

Total Time: _____ Minutes

Hints Used: [ ] None [ ] Partial

VERIFICATION SEAL

All 3 Quotes Deciphered: [ ] YES

Cipher Rating: * * * * *