

1. Encipher the message "Freedom from Tyranny" using Playfair system with key work "coupons."

2. Decipher the message:

SD QO SD LH ST MI ZB LF EZ OB YF IR

using the Playfair system with key work "finally."

3. Encipher the following Charles Dickens quote

"I wear the chain I forged in life....I made it link by link, and yard by yard; I girded it on of my own free will, and of my own free will I wore it."

using rectangular transposition with key word *mapped*.

4. Decipher the following message

WSDMO EEHIA RCNHP NLLGL ANPTE XTAA TYATD ETNML HTIHR NNISR EANEW
RYYES INONE ASHSA HDEAE HTEAD IMMTA OTAEM LRARN EEEIL YLRAL NEYSV
EDNSM SAP

knowing it was encipher with rectangular transposition with key word *steeped*. Make sure restore spacing between words, capitalization and add punctuation to make it readable.

5. Decipher message

RCJ XMZ OTV MCO XCM ZNJ FKW KGO YQ

using vernam two-tape with keys *Texans* and *writing*.

6. Look on the website for homecoming events at USD. Choose an event that you would be most likely to attend and write that down. I won't make you actually go to the event but consider doing it, it builds school spirit.