

Cipher Research Presentation

Name: _____ Topic Chosen: _____

Research one the topics listed below and prepare a presentation that includes the following:

- A historical background that explains when, where, and why the cipher was used.
- Provide a detailed explanation of how the cipher works (encryption and decryption), including examples.
- Was the cipher cracked? If so how?
- Include visual aids (i.e. poster, powerpoint presentation, drawings, etc.) to help increase understanding of the cipher.

Cipher Research Topics

- AES Cipher
- Alberti Cipher
- Babington Plot
- Beale Cipher
- Cardinal Richelieu's grille cipher
- Chaocipher
- DES Cipher (LUCIFER)
- Dorabella Cipher
- Decimation Cipher
- Edgar Allen Poe's Cryptographic Challenge
- Egyptian Hieroglyphics / Rosetta Stone
- Enigma
- German ADFGVX Fractionation Cipher
- Gronsfeld Cipher
- Jonathan Swift's Word Machine / Gulliver's Secret
- Karl Lody telegram
- Kryptos
- Linear A Cipher
- Linear B Cipher
- Lorenz
- Playfair Cipher
- Polybius Checkerboard
- Rail Fence Cipher
- Rongorongo Script of Easter Island
- RSA Cipher
- SIGABA Cipher Machine
- Spartans Scytale
- Voynich Manuscript
- Wind Talkers
- Zimmermann Telegram