

CipherForge — Concept Poster

Print this and pin it up — an at-a-glance map of the CipherForge cast and the ideas each one carries. Come back to it whenever you want to remember who teaches what.

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Meet the cast — and what each one teaches

Character	What they carry
Caesar	Caesar shift / monoalphabetic shift cipher
Mask	Atbash + general monoalphabetic substitution (every letter has a fixed substitute)
Vigenère	Vigenère / polyalphabetic keyword cipher (the Caesar-on-a-rotating-keyword pattern)
Echo Pair	Playfair digraph cipher (letters encoded in pairs through a 5×5 grid)
Rail	Rail-fence + columnar transposition ciphers (rearrange letter order without changing the letters themselves)
Tally	Number-based codes (A1Z26, ASCII, binary, book ciphers — any mapping that converts letters to numbers)
Sift	Frequency analysis + cryptanalysis-by-statistics (the cipher-breaking method, not a cipher itself)
Lattice	Modern cryptography fundamentals — XOR, public-key concept, hashing (the irreversible / asymmetric family)
Hollow	Hides a secret message inside something ordinary, so nobody even knows there is a message to look for.
Tome	Keeps a shared code-book where whole words stand for secret words, so only someone with the same book can read the note.

Key ideas at a glance

The big concepts this cast helps you master:

- Secret Messages Basics
- Caesar & Substitution Ciphers
- Frequency Analysis
- Transposition Ciphers

- Number-Based Codes
 - Modern Encryption Concepts
 - Steganography & Information Hiding
 - Cryptography in Daily Life
 - Classical Cipher Systems
 - Modern Cryptography Basics
 - Codebreaking Techniques
 - Cybersecurity Foundations
 - Cryptography Basics
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