Crypto Quest: Solution Manual

Step-by-step solutions for every puzzle!

How to Use This Manual

This guide walks you through each puzzle in Crypto Quest, with diagrams and flowcharts. Each section is color-coded by difficulty: Easy, Medium, Hard.

Entrance Puzzle (Easy)

Goal

Unlock the entrance by solving a simple cipher.

Step 1: Read the encrypted note found in the entrance.
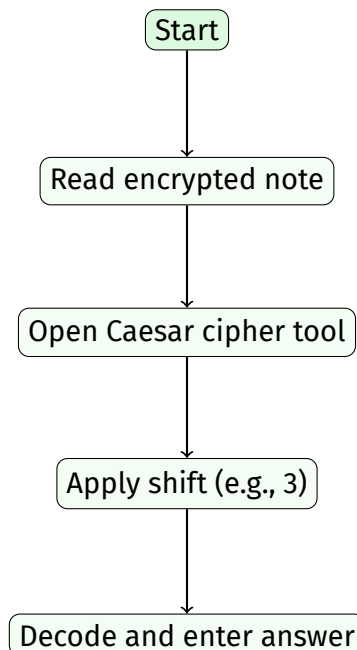**Example:** Encrypted message: "KHOOR ZRUOG" with shift hint 3
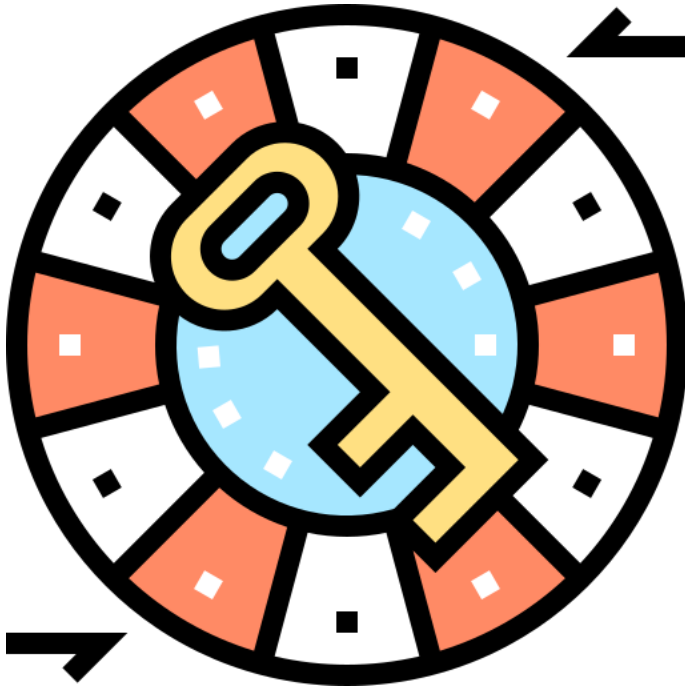**Step 2:** Use the Caesar cipher tool.
Step 3: Apply shift 3 (reverse operation):
`K -> H, H -> E, O -> L, R -> O, ...`
Step 4: Decoded message: "HELLO WORLD"
Step 5: Enter solution at the entrance gate.

```
            Start
              |
      Read encrypted note
              |
     Open Caesar cipher tool
              |
       Apply shift (e.g., 3)
              |
     Decode and enter answer
```
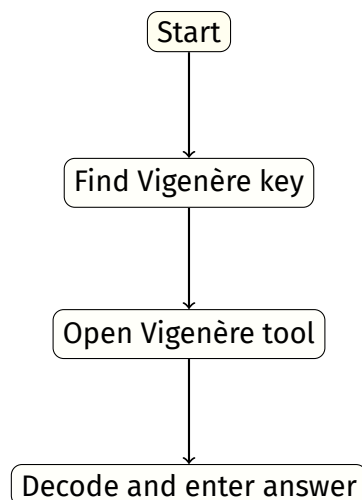
Library Puzzle (Medium)

> **Goal**
>
> Decrypt a Vigenère cipher using the key found in the library.

1. Find the Vigenère key hidden among the books (e.g.: "CRYPTO")

2. Open the Vigenère cipher tool

3. Example: Encrypted: "VWPUQZ", Key: "CRYPTO"

4. Decryption: V(C) → T, W(R) → E, P(Y) → L,...

5. Decoded message: "TREASURE"

6. Submit answer at the library desk.

Start

Find Vigenère key

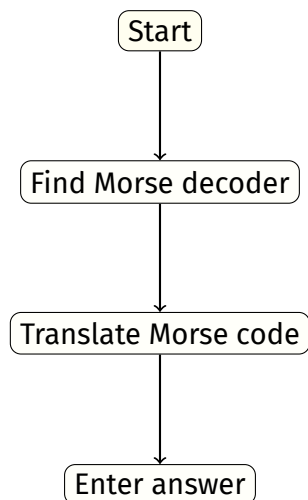Open Vigenère tool

Decode and enter answer

Study Puzzle (Medium)

> **Goal**
>
> Solve a Morse code puzzle.

1. Find the Morse decoder in the study

2. Example code: "… - .-. ..- −. −. .-.. ."

3. Translation: STRUGGLE → Solution: PERSEVERE

4. Enter answer in the study's secret compartment.

```
          ┌───────┐
          │ Start │
          └───┬───┘
              │
     ┌────────────────────┐
     │ Find Morse decoder │
     └─────────┬──────────┘
               │
    ┌──────────────────────┐
    │ Translate Morse code │
    └──────────┬───────────┘
               │
       ┌──────────────┐
       │ Enter answer │
       └──────────────┘
```
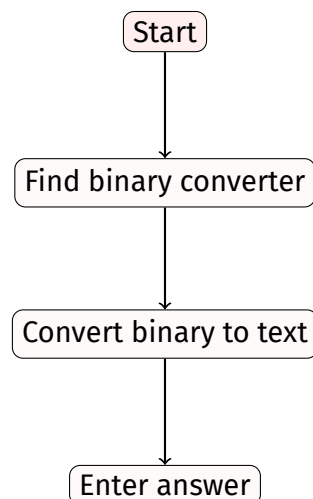
Vault Puzzle (Hard)

Goal
Crack the binary code to unlock the vault.

1. Find the binary converter tool

2. Example binary: 01010100 01010010 01000101 01000001 01010011

3. Conversion: T R E A S

4. Full message: "TREASURE MAP"

5. Enter final solution in vault console.

```
           Start
             │
             ▼
   Find binary converter
             │
             ▼
   Convert binary to text
             │
             ▼
      Enter answer
```

Congratulations!

Treasure Unlocked

You have solved all puzzles and found the treasure! Enjoy your victory!