

Clue Word: **FOODIE HUB**

1. **Binary Code**

**Clue:** "Decode this binary to find your next stop: 01000110 01101111 01101111 01100100 01101001 01100101 00100000 01001000 01110101 01100010."

**Hint:** Convert binary to ASCII.

2. **Morse Code**

**Clue:** "The answer is hidden in Morse code: ..-. --- --- -.. .. / .... ..- -...."

**Hint:** Decode Morse code.

3. **Caesar Cipher**

**Clue:** "Shift each letter forward by 3: IRRGLH KXE."

**Hint:** Caesar Cipher with a +3 shift.

4. **Base64 Encoding**

**Clue:** "Decode this Base64 text to find your location: Rm9vZGllIEh1Yg==."

**Hint:** Use a Base64 decoder.

5. **Hexadecimal Code**

**Clue:** "Find the answer in this hexadecimal code: 466f6f64696520487562."

**Hint:** Convert hex to ASCII.

6. **Reverse Text**

**Clue:** "Read this message backward to find your destination: buH eidooF."

**Hint:** Reverse the text.

7. **Atbash Cipher**

**Clue:** "Use the Atbash Cipher to decode: ULLWRV SFY."

**Hint:** Atbash Cipher replaces each letter with its opposite in the alphabet (A=Z, B=Y, etc.).

8. **Vigenère Cipher**

**Clue:** "Decode this Vigenère Cipher using the keyword 'MEAL': JRKSKC VFC."

**Hint:** Use Vigenère Cipher with 'MEAL' as the key.

9. **Affine Cipher**

**Clue:** "Apply the Affine Cipher ( $ax + b$ ) mod 26 on this code: KFODKF AVS."

**Hint:** Use the Affine Cipher formula with  $a = 5$ ,  $b = 8$ .

10. **Columnar Transposition Cipher**

**Clue:** "Rearrange the columns of this transposition cipher: OFDIEOHUB."

**Hint:** Arrange letters by columns.