

# INSTRUCTIONS

## Puzzle Box Challenge

Inside this box is a surprise!

To open it, follow the steps below:

1. Crack the cipher to uncover the dial code and button sequence.
2. Solve the two puzzles on the box (in either order):
  - Left side: For each digit, turn the dial to it and press the blue button to confirm.
  - Right side: Press the four color buttons in the correct sequence.
3. If an input is correct, the LED will turn green. If incorrect, it will turn red and reset, and you must try again.
4. When both puzzles are solved, the latch will rotate and the box will open, revealing the surprise inside.

## VIGENERE CIPHER

To solve a Vigenere cipher:

- Repeat the keyword over the encrypted message and use each letter of the keyword as a shift amount (e.g., E = shift back 4).
- Shift each ciphertext letter backward by the keyword to reveal the hidden instructions needed to unlock the box.

Keyword: KEY

HMRP GSXI: JSJV-RRI-XIQ

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FIXADN SZHIV: VHF-JVPKRQ-CLWE-VHF

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# **INSTRUCTIONS**

Answer Key

DIAL CODE: 4-1-2

BUTTON ORDER: RED-GREEN-BLUE-RED