

Complete by September 14, 2009

<http://cryptoclub.math.uic.edu>

### **Caesar Ciphers**

1. Click the "Ciphers" bubble. Click "Caesar (Shift) Cipher". Practice using the cipher to encrypt/decrypt a short message you make up. You might try one of the problems you've already solved from the workbook.
2. Use the Caesar Cipher tool to decrypt: BJQHTRJ YT YMJ  
HWDUYTHQZG (shift 5)

### **Message Board**

1. Click on the "Message Board" bubble. Type in  
Username: **mtht491 saunders**  
Password: **saunders**
2. Decrypt the Welcome message and follow the directions.

### **Using the frequency analysis tool**

1. Click on the "Ciphers" bubble. Click on Frequency Analysis
2. Cut and past a message of about 500 words from some internet article. Use this to complete The Crypto Club Activity on page W23 of the workbook.

### **Play and enjoy! -- optional**

1. Try using the other Cipher tools as you learn about them in the book.
2. Explore the other "things to do." The Treasure Hunt is a must see!
3. Submit a joke to the Joke Board.