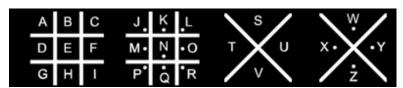# CIPHERS

PIGPEN CIPHER

To create a code with the Pigpen Cipher, you draw the lines and the dots that appear AROUND a letter.

The letter A looks like this

The letter Q looks like this:

The letter S looks like this:

The word SECRET looks like this:

ULTIMATE BOOK CODE

Step 1: Write your message first. Example: TOP SECRET

Step 2: Choose a book, and then find the word TOP on one of the pages.

Step 3: Write down the page number the word is on. Then write the paragraph number the word is in (an indented line of dialogue counts as a paragraph). Then count the words in the paragraph/line until you get to the word TOP and write that down too. So you'll have three numbers...the page number, the paragraph/line number, and the number of words to count in the paragraph until you get to the word TOP.

 Step 4: Connect the numbers with a period. The coded message TOP SECRET will look like this:

41.6.13   20.3.144

CIPHER DISK

Step 1: Put the cipher wheel together. The larger wheel goes on the back, and the smaller wheel fits inside it. If you like, you can pin them together with a tack. Now you have a disk with an outer ring and an inner ring.

Step 2: Pick a "key word." Example: E = Z

Step 3: Line up the two wheels so that E on the outer ring is on top, and the Z from the inner ring is right underneath it. You'll notice that the other letters of the rings will be lined up too.

Step 4: Write your uncoded message.

Step 5: Set the wheel to your key code.

Step 6: Spell out the message using the outer ring of the disk, but write down the corresponding letter *below* it on the inner ring. Here's an example:

- Write uncoded message first: SECRET
- Set the wheel to your key code: E = Z
- Spell out the message using the outer ring, but use the letter from the inner ring: NZXMZO
  The final coded message is: SECRET = NZXMZO

Step 6: To decode a message, just do the reverse! Just make sure you tell your partner in crime the key code!