Science from Scientists

Make Your Own Caesar Cipher Wheel

Materials needed:

- 1 sheet paper (cardstock is ideal)
- 1 brass brad fastener
- 1 pair of scissors
- 1 thumbtack
- *Optional: 1 circular cardboard coaster or other hard backing*

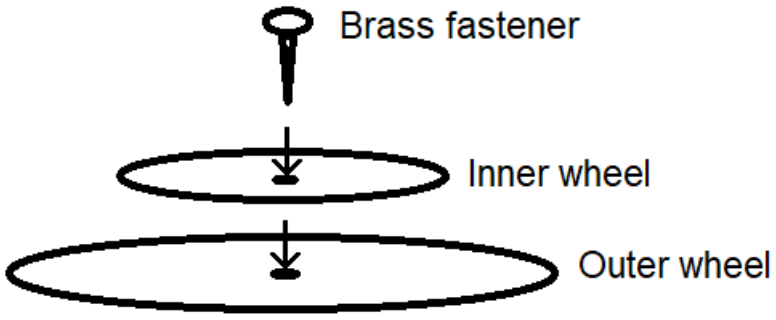
Step 1. Print the Caesar Cipher wheels, shown on the second page of this document. (We recommend printing on cardstock or another type of thick paper if available!)

Step 2. Cut out the two wheels along their outer edges.

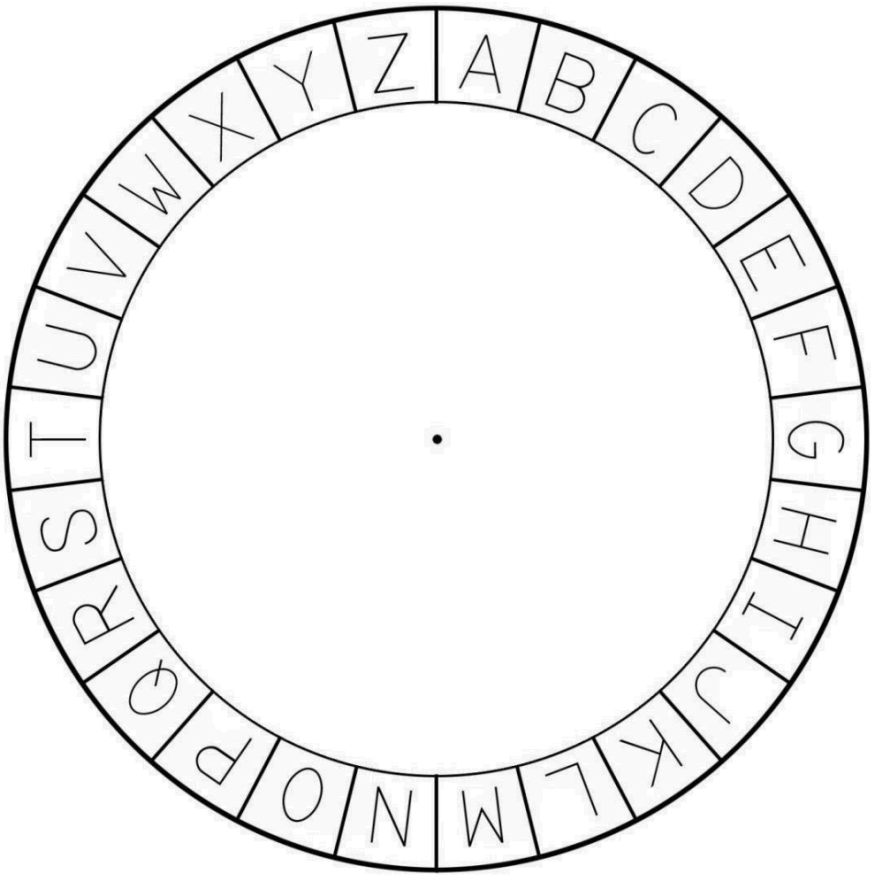
Step 3. Use the thumbtack to poke a small hole in the center of each wheel, where the dots are shown. (*Optional: If you are using a cardboard coaster or other backing, use the thumbtack to poke a small hole in its center as well.)*

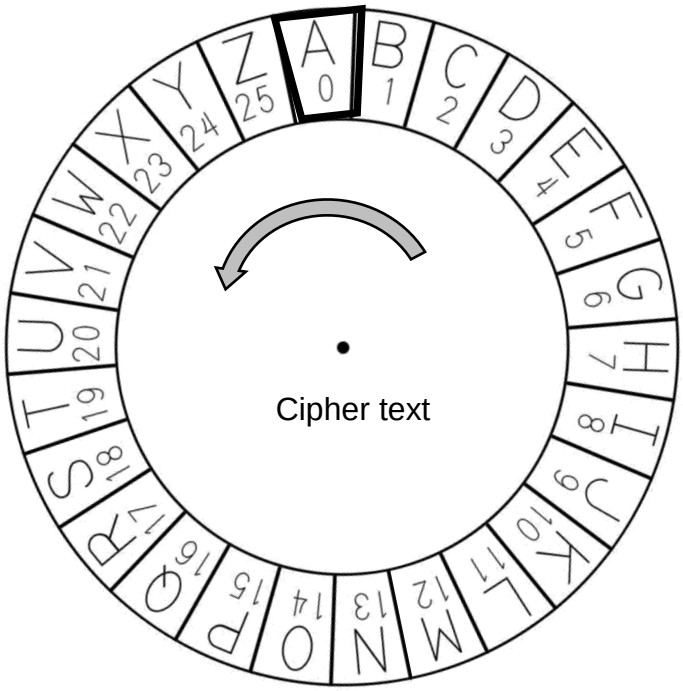
Step 4. Assemble the wheels by placing the smaller, inner wheel on top of the larger, outer wheel. Make sure you align the wheels so that they are centered and the two rings of letters can line up! (*Optional: If you are using a cardboard coaster or other backing, place this beneath the larger, outer wheel)*

Step 5. Take your brass brad fastener and slide it through the pre-punctured holes in the centers of your wheels, starting from the top layer:



Step 6. Secure the brass brad fastener on the back side of the outer wheel (or optional backing) and enjoy!


A B C D E F G H I J K L M N O P Q R S T U V W X Y Z


A 0
B 1
C 2
D 3
E 4
F 5
G 6
H 7
I 8
J 9
K 10
L 11
M 12
N 13
O 14
P 15
Q 16
R 17
S 18
T 19
U 20
V 21
W 22
X 23
Y 24
Z 25
Cipher text