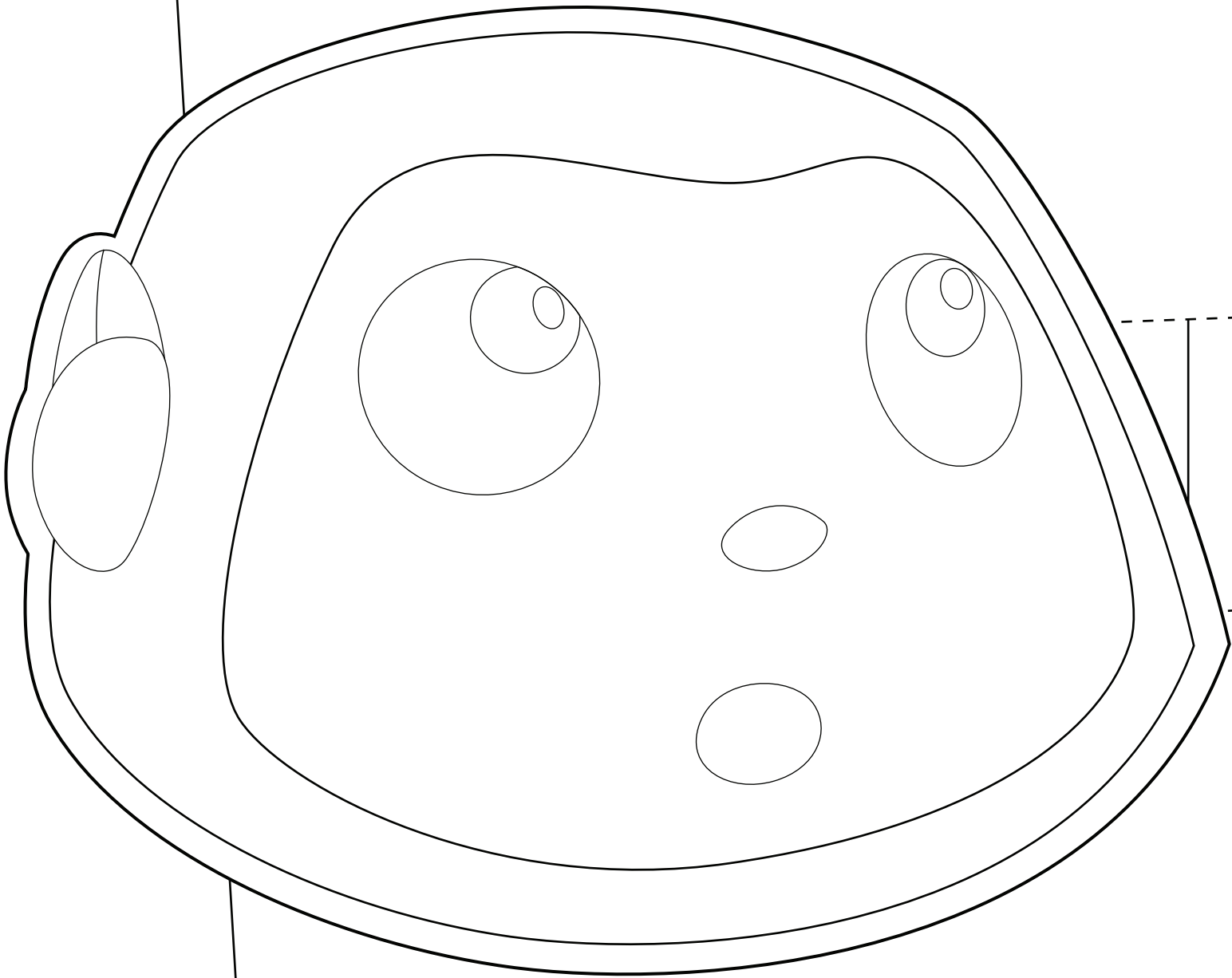
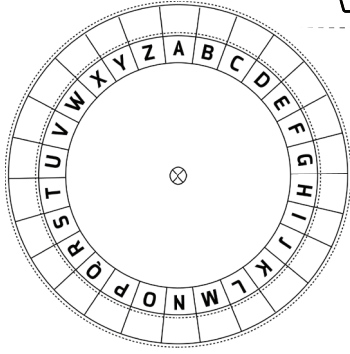


PETER AND CORNELIUS



STEM ACTIVITY

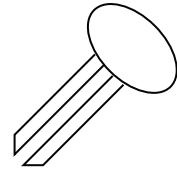
WHAT YOU NEED



CODE MAKER

Print on cardstock for better results.

Can be substituted with brad fasteners instead.



MARKER

A pen, pencil or crayon works too.

DIRECTIONS

STEP 1

Print, cut out, and assemble the codemaker.

STEP 2

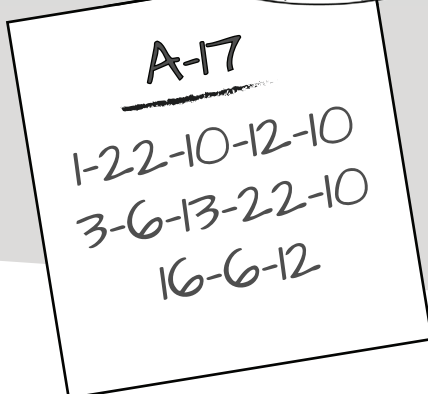
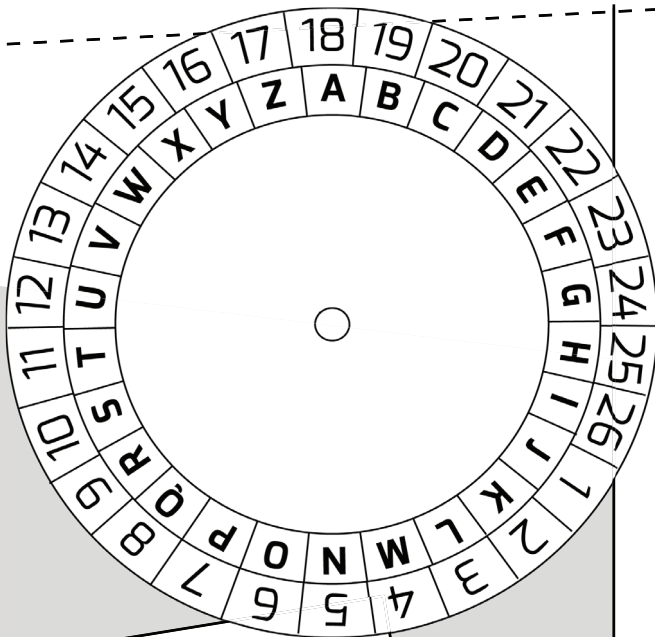
Turn the smaller wheel on the codemaker to set your code and then mark down where the letter "A" lands. (For example, if the "A" is next to the number 18, then you would write down A-18.)

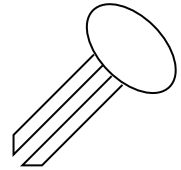
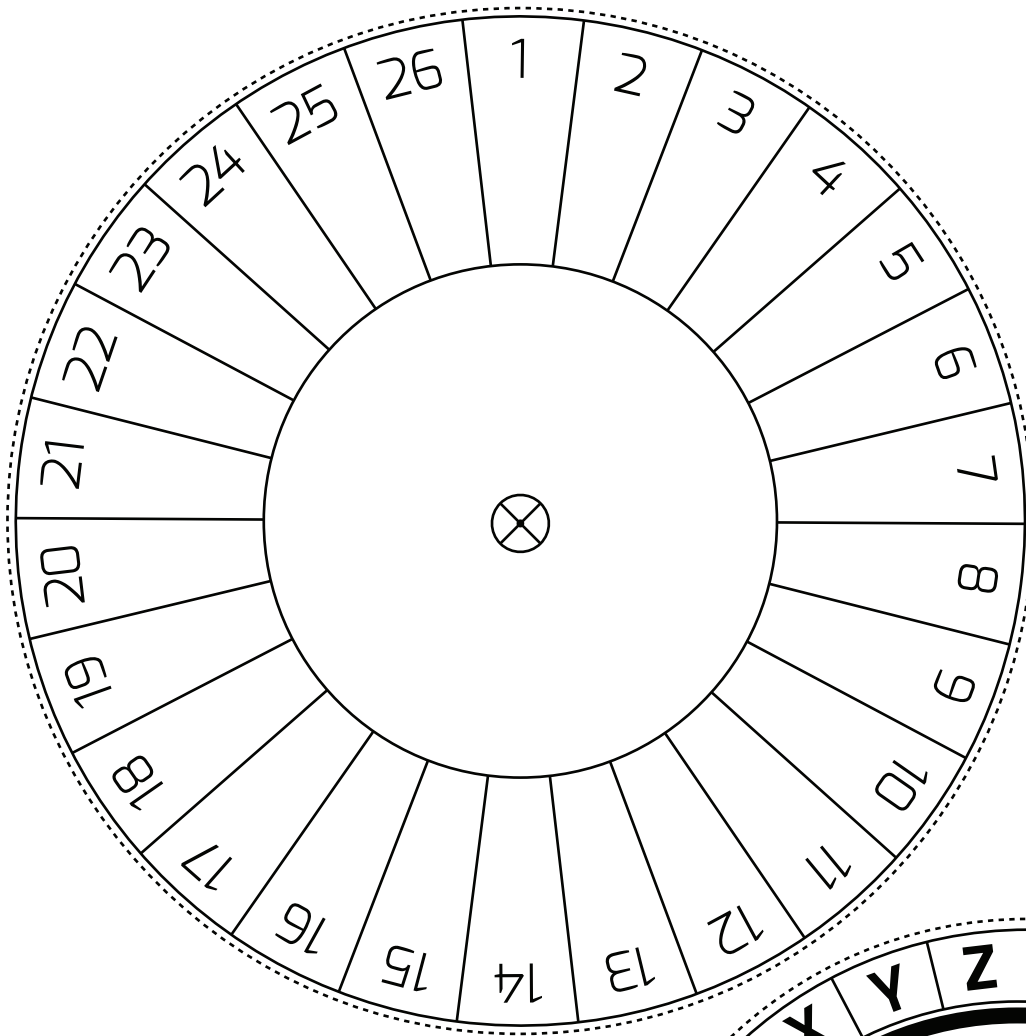
STEP 3

Now if the code is set to A-18 you can write a secret message using that code. Write down a number for each letter. For example, if you wanted to write J-E-S-U-S, with your codemaker set to A-18, you would write the numbers 1-22-10-12-10. See image to the left.

STEP 4

Once you write your code, give it too a friend so that they can figure out your secret message using their codemaker.





Place brass fastener in the center and use it to connect the two circles. Make sure that the smaller circle is on the top of the larger circle.

