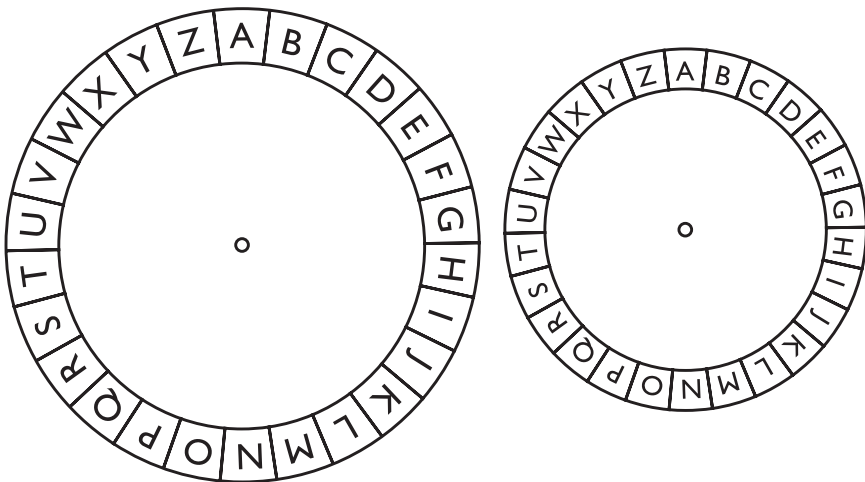


HOW TO MAKE A SECRET BREAKERS CIPHER WHEEL

The Cipher Wheel, or Shakespeare Mangle, is vital for helping Team Veritas find out about the Knights of Neustria. Follow these simple instructions to make your own Secret Breakers Cipher Wheel that will make it quick and easy to send secret messages to your friends!

1. Trace or scan the two letter wheels below.



2. Cut them out and fix the smaller one inside the larger one, securing it with a paper fastener. You should be able to spin the smaller wheel inside the larger one. Notice how each letter finds a 'partner' in the larger wheel.

3. Decide on the message you want to send in code.

4. This coding device uses something called the CAESAR SHIFT method to work. Match the letter **A** on the outer wheel with the letter **F** on the inner wheel. This is a CAESAR SHIFT 5!

5. Find the letters for your message on the inner wheel. Use its 'partner' on the outer wheel to write it in code. (The pairings will change each time you move the inner wheel.)
6. To decode the message your friends must find each letter in the outer wheel and write down its 'partner' in the inner wheel.

This Secret Breakers Cipher Wheel is easy to use and a tiny turn forwards or backwards will give you a totally new way of encoding a message.

Brodie has encoded the following message for you:

Avwpgjpn nzxmzo wmvfdib!

Decode it by aligning the outer **A** with the inner **F**.

A TIP FROM TUSIA: Of course, you don't have to use letters at all for the inner wheel. You could use glyphs or pictures or emoticons – just make sure you draw them carefully so they can be repeated by you or anyone else who wants to use the Secret Breakers Cipher Wheel to send you messages back!

A TIP FROM HUNTER: And of course, you can use numbers, or roman numerals on the inner wheel.

A TIP FROM SHELDON: Or music notes, time signatures or clefs. The choice for the code is yours!