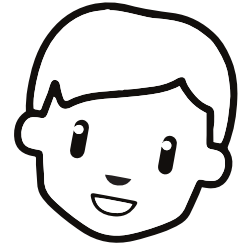


Alan was brilliant at spotting patterns, which made him really good at deciphering (working out) codes. The Enigma code was incredibly complicated and changed every day, making it almost impossible to crack. Let's try cracking a few simpler codes instead.



The Caesar Cipher

This was a really simple code designed by the Roman Emperor, Julius Caesar, to stop anyone reading his secret messages. Simply swap the top letter for the bottom letter when you write your message (or the bottom letter for the top letter when decoding).

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

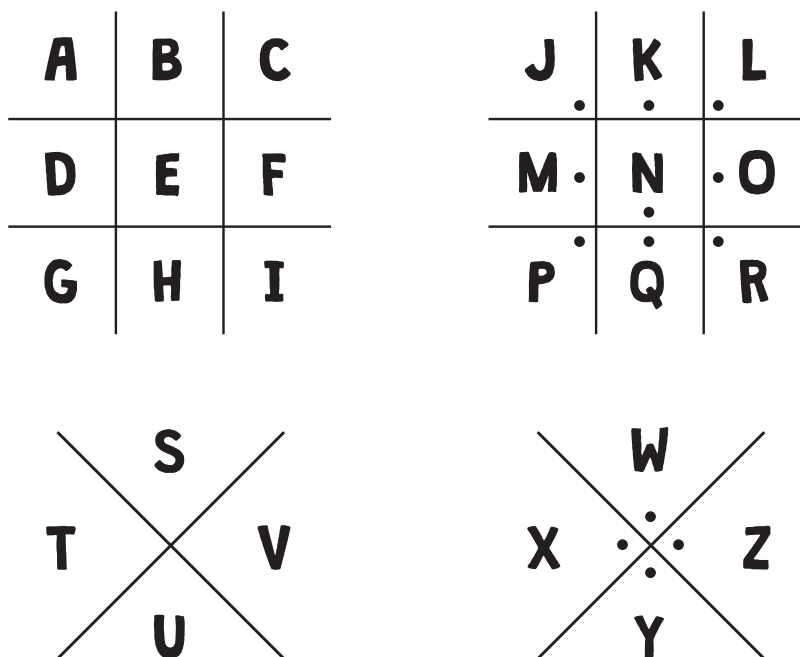
Try decoding this message...

XIXK QROFKD FKS BKQBA QEB YLJYB

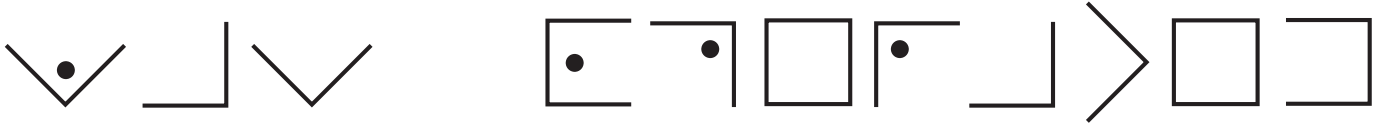
Now try using this code to send a message to a friend.

The Pig Pen Cipher

The Pig Pen Cipher is also thought to be a very old code. This is the code - can you see how it works?



Try decoding this message...



Now try using this code to send a message to a friend.

The Half Alphabet

This code works by swapping the top letter for the one underneath and the bottom letter for the one on top.

| | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 |

Try decoding this message...

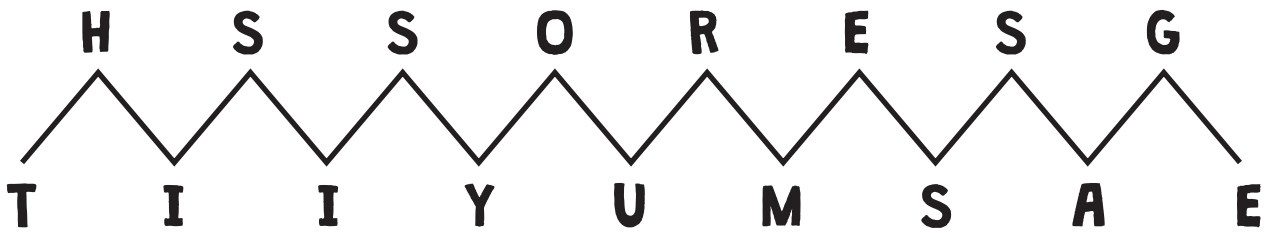
GUR SVSGL CBHAQ ABGR UNF

UVQQRA FRPRGF

Now try using this code to send a message to a friend.

The Zigzag Cipher

This code works by drawing a zigzag line and then writing the secret message on each point of the zigzag. So your message might look like this...



(This is your message)

But the message would be delivered without the zigzag, so it would look like this... **HSSORESG TIIYUMSAE**

The message is deciphered by reading one letter at a time, starting with the second 'word'.

Try decoding this message...

AMCIETIK CNAHNSHN

Now try using this code to send a message to a friend.

Now you've learnt some different ways of coding, can you make up a code of your own?