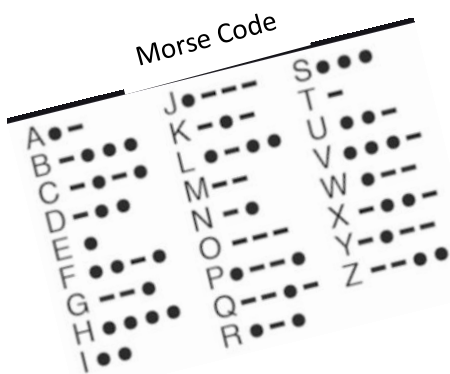


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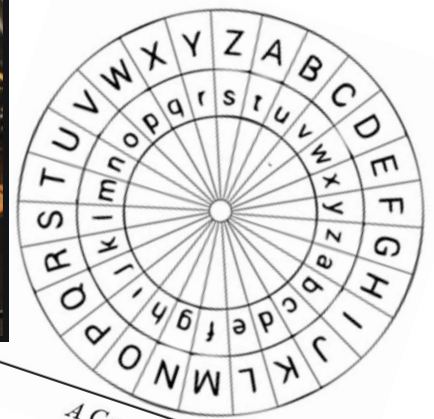
We are Cryptographers

The **skills** we are learning about in this unit are to -

- Be familiar with Morse code.
- Understand the need for private information to be encrypted.
- Encrypt and decrypt messages in simple ciphers.
- Appreciate the need to use complex passwords and to keep them secure.
- Have some understanding of how encryption works on the web.



Enigma Machine



A Caesar Wheel

Vocabulary

Encrypt - convert (information or data) into a code, especially to prevent unauthorized access

Decrypt - to decode (a message) with or without previous knowledge of its key

Morse Code - an alphabet or code in which letters are represented by combinations of long and short light or sound signals

Cypher - is a secret **code**, usually one that's created using a mathematical algorithm.

