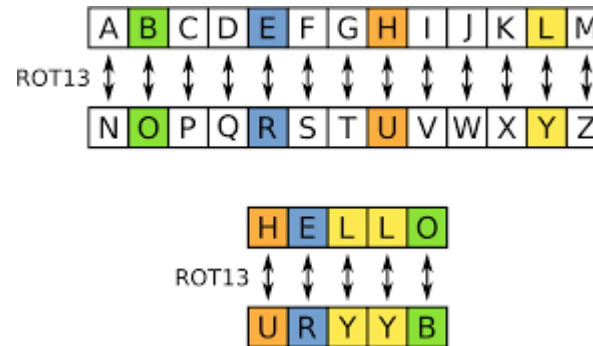| Key Vocabulary	
Code	A system of words, letters and symbols that are used to represent others, especially for secrecy
Encryption	The process of encoding a message
Encode	Transform data from one format to another to change the usability of the data, not its accessibility
Binary	A number system used by computers using a series of 0 and 1s. The way computers send information.
Denary	The decimal number system
Data	Values with no context e.g. 12 or blond
Information	Data with a given context or heading e.g. 12 out of 20 in a maths test
Cipher	A disguised or secret way of writing
Bletchley Park	The principle centre for allied code breaking during World War 2
Alan Turing	He was an English Mathematician who was instrumental in breaking the German Enigma code in WW2

Binary

Each heading is Base 2 or a power of 2.

128	64	32	16	8	4	2	1
			1	0	0	1	1

10011 represents

1+2+16 = 19

Example of a cipher. Each letter has been shifted to represent a different one.