The Vigenère Tableau

The following is the tableau used for the Vigenère, Beaufort, and variant Beaufort ciphers.

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

Vigenère

The leftmost column has the keys; the top alphabet has the plaintext. So:

```
message HELLOWORLD
key     ECSECSECSE
cipher  LGDPQOSTHD
```

Beaufort

Find the plaintext in the left alphabet, and trace in until you find the key letter. Then turn a right angle and go up. The letter at the top alphabet is the ciphertext.

```
message HELLOWORLD
key     ECSECSECSE
cipher  WYHSOWPLHB
```

Variant Beaufort

Find the key letter in the left alphabet, and trace in until you find the plaintext letter. Then turn a right angle and go up. The letter at the top alphabet is the ciphertext.

```
message HELLOWORLD
key     ECSECSECSE
cipher  DCTHMEKPTZ
```