

**PROGRESSIVE KEY (100-150 letters)**

The plaintext is set up in period length groups. Ordinary periodic (here Vigenère ) encipherment using the keyword yields a "primary" ciphertext as shown below just under the plaintext. Then a second encipherment of the same type using a progressing key letter (Kp) for each group gives the final ciphertext. For a progression index of 1, the derived progressive key for the second encipherment is A for the first group, B for the second group, etc. For a progression index of 2, the progressive key would be A, C, E, etc. for successive groups.

**Key:** GRAPEFRUIT, period 10

<b>K:</b>	G	R	A	P	E	F	R	U	I	T	G	R	A	P	E	F	R	U	I	T	G	R	A	P	E	F	R	U	I	T	
<b>pt:</b>	t	h	i	s	c	i	p	h	e	r	c	a	n	b	e	u	s	e	d	w	i	t	h	a	n	y	o	f	t	h	
<b>C1:</b>	Z	Y	I	H	G	N	G	B	M	K	I	R	N	Q	I	Z	J	Y	L	P	O	K	H	P	R	D	F	Z	B	A	
<b>Kp:</b>			A								B									C											
<b>C2:</b>	Z	Y	I	H	G	N	G	B	M	K	J	S	O	R	J	A	K	Z	M	Q	Q	M	J	R	T	F	H	B	D	C	

**CT:** ZYIHG NGBMK JSORJ AKZMQ QMJRT FHBDC NJHJP WXFNO.