

# The Secret Series

## Code Practice Sheet

***This sheet may increase your ability to keep a secret ...***

Read the information about codes in the Secret Stuff section of the website, then work through this sheet.

**Code 1:** substitutes numbers for letters of the alphabet

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
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

Separate each number with a full stop or a comma. So 'Secret' is '19.5.18.3.5.20'

S	E	C	R	E	T
19	5	3	18	5	20

Try decoding this message: 2.15.19.3.8

Answer: \_\_\_\_\_

Now, try writing your own message in code

Your original message: \_\_\_\_\_

Your message in code: \_\_\_\_\_

**Code 2:** substitutes each letter with the next letter in the alphabet

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	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

So 'Secret' is 'Tfdfsfu'

S	E	C	R	E	T
T	F	D	S	F	U

Try decoding this message: Sfbejmh

Answer: \_\_\_\_\_

Now, try writing your own message in code

Your original message: \_\_\_\_\_

Your message in code: \_\_\_\_\_

**Look over the page for a third kind of code, the keyword code. It's a tricky one!**



**Are you ready to try a really tricky code?**

**Code 3:** a keyword code in which the first letters of the alphabet are replaced by a secret codeword.

Start by writing out the alphabet.

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
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

If your keyword is SECRET, then go through the alphabet and erase the letters S, E, C, R and T

A	B	D	F	G	H	I	J	K	L	M	N	O	P	Q	U	V	W	X	Y	Z
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Then, write those letters at the front of the alphabet, before A. The letter E appears in SECRET twice, but you only write it once.

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

That's your code!

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

Using this code, the word BOSCH becomes ELPCD

Try writing out the code using the keyword MAGIC

Now, try writing a message using your MAGIC code

Original message: \_\_\_\_\_

Message in code: \_\_\_\_\_