Coding Grids

- Copy the dolphin code exactly like this into excel :

	A	B	C	D	E	F	G	H	I
1	D	O	L	P	H	I	N	1	2
2	F	G	J	K	M	Q	R	S	3
3	E	Z	Y	X	W	V	U	T	4
4	C	B	A	0	9	8	7	6	5

- In cell A6 type :

    =A1

And then drag this along to I6 to get:

	A	B	C	D	E	F	G	H	I
1	D	O	L	P	H	I	N	1	2
2	F	G	J	K	M	Q	R	S	3
3	E	Z	Y	X	W	V	U	T	4
4	C	B	A	0	9	8	7	6	5
5									
6	D	O	L	P	H	I	N	1	2
7									

- Keep up this process to get a table with two rows like this :

O	L	P	H	I	N	1	2
G	J	K	M	Q	R	S	3
Z	Y	X	W	V	U	T	4
B	A	0	9	8	7	6	5

O	L	P	H	I	N	1	2	F	G	J	K	M	Q	R	S	3	E	Z	Y	X	W	V	U	T	4	C	B	A	0	9	8	7	6	5
B	A	0	9	8	7	6	5	E	Z	Y	X	W	V	U	T	4	F	G	J	K	M	Q	R	S	3	D	O	L	P	H	I	N	1	2

Your table should go all the way to column AJ as it needs to have every letter of the alphabet and the numbers 0-9 in the top row.

- We can now use HLOOKUP to look for a letter and give back a coded letter. Type CODE into row 9:

	A	B	C	D	E	F	G	H	I	J
1	D	O	L	P	H	I	N	1	2	
2	F	G	J	K	M	Q	R	S	3	
3	E	Z	Y	X	W	V	U	T	4	
4	C	B	A	0	9	8	7	6	5	
5										
6	D	O	L	P	H	I	N	1	2	F
7	C	B	A	0	9	8	7	6	5	E
8										
9	C	O	D	E						
10										

- Type this into A10

=HLOOKUP(A9,$A$6:$AJ$7,2,FALSE)

And you should be able to encode CODE.

Then try to decode DBWFS