



## ST PETER'S SCHOOL MONTHLY MATH CHALLENGE

"If you don't know where you are going, any road will get you there.." Lewis Carroll

# April

Here is an unusual safe. Each of the buttons must be pressed once only in the correct order to open it. The last button is marked F.

1D	1L	2D	1R	1D	3D
2R	F	1U	2L	1R	1D
1D	3R	1L	1U	1L	5L
1R	3U	2D	1R	1D	3D
2D	1D	1R	1D	2L	5L
4R	1L	3R	5U	1D	1U
1R	2U	3U	3U	1L	3L

The number of moves and the direction is marked on each button. Thus 1U means move 1 up, 1D means move 1 down, 1L means move 1 left and 1R means move one right.

**Which button must you push first?**

Did you work out a strategy?

Solutions to Miss Delaney by Friday 7<sup>th</sup> May - Good luck!