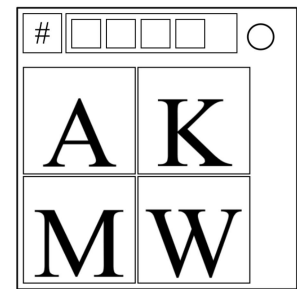# On the Subject of LED Encryption

Ooooh, Shiny lights and buttons. Touchy touchy!

- Two to five LEDs are installed at the top of the module.
- Four buttons of letters are shown (all of which are different characters)
- there may be more than one answer per layer. Any are correct.

To disarm the LED Encryption module, you'll need to assign each letter of the alphabet to a number, 0-25 respectively (A = 0, B = 1, C = 2). Each LED indicates a value to multiply by.

Red	Green	Blue	Yellow	Purple	Orange
2	3	4	5	6	7

The responding LED is the number of the layer you are on (from left to right). The layer number is indicated next to these LEDs.

With each letter having a number (0-25), choose one corner, multiply it by the LED's respective value, and if the opposite diagonal character is the same as the answer, smash that button.

Here is an example solution.

Blue Green Yellow Orange 3	
e	d
b	u

U is correct because E (5) * 4 = 20 (u)