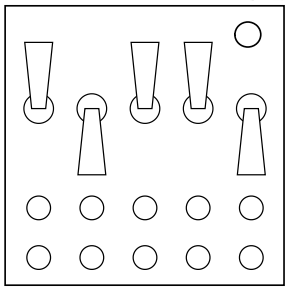
On the Subject of Not Colored Switches



Bringing the cold.

A Not Colored Switches module will start with all five switches toggled down, as well as all of the bottom LEDs lit up white.

Upon flipping a single switch upwards, the bottom LEDs will turn orange, and the top LEDs will start flashing. The five LEDs together will act as a Marquee display, showing one letter, scrolling from top to bottom. However, the letters being displayed have been encrypted based on the color of the switch that has been flipped.

- **Red** Atbash cipher (AOZ25, subtract from 25)
- **Green** Rot13 cipher (add 13, modulo 26)
- **Blue** Caesar shifted forwards based on switch position (modulo 26)
- **Orange** Caesar shifted backwards based on switch position (modulo 26)
- **Purple** Affine ×5 cipher (AOZ25, multiply by 5, modulo 26)
- **Turquoise** No change

The module has chosen one of the words from the word list below, shuffled its letter order, and taken one letter out. The remaining five letters are shown through the LEDs. The letter that has been taken out must be submitted.

To enter submission phase, toggle the switches so that more than one switch is flipped up. At this point, the bottom LEDs will turn red.

Then, convert the missing letter's alphabetic position (AOZ25) to binary. Toggle the switches so that a switch flipped up represents a 1 and a switch flipped down represents a 0.

To submit your binary, toggle the same switch twice consecutively. The set of switches after toggling the switch twice will be your submission. (The most recent switch will have an orange LED underneath it for your convenience.

Submitting the incorrect binary will incur a strike and flip all the switches down, but the module will not reset. Submitting the correct binary will disarm the module.

adjust	anchor	bowtie	button	cipher	corner	dampen	demote
enlist	evolve	forget	finish	geyser	global	hammer	helium
ignite	indigo	jigsaw	juliet	karate	keypad	lambda	listen
matter	memory	nebula	nickel	overdo	oxygen	peanut	photon
quartz	quebec	resist	riddle	sierra	strike	teapot	twenty
untold	ultima	victor	violet	wither	wrench	xenons	xylose
		yellow	yogurt	zenith	zodiac		