

On the Subject of Fruits









Why did the banana go to the doctor? Because it wasn't peeling well.

This module will show 4 buttons and a reset button.

To solve the module, press a button a certain number of times, then press the submit button below.

To reset the module, press the reset button.

To start, you are going to need 2 numbers. To get the first number, use the table below with the row as the image of the first button, and the column as the image of the 3rd button. Get the other number from the table using the image of the 2nd button for the row, the image of the 4th button for the column. Add these numbers together, then modulo 4, then add 1 to the result. That is the position of the submit button.

				
	1	2	3	4
	4	3	2	1
	3	1	4	2
	2	4	1	3

To find out which button to press, add all the digits of the serial number together, modulo 4, then add 1 to the result. This is the button you need to press. If the button you need to press is the submit button, the button you need to press is the button right of the submit button. The buttons wrap around.

The number of times you need to press the button is the sum of the number of unlit indicators and the position of the button you need to press.

Upon a strike, the module will reset and the buttons will change.

