

```
#include <mathstronauts_arduino_library.h>
int red_led = 2;
int yellow_led = 3;
int green_led = 4;

void setup() {
    // put your setup code here, to run once:
    pinMode(red_led, OUTPUT);
    pinMode(yellow_led, OUTPUT);
    pinMode(green_led, OUTPUT);
}

void loop() {
    // put your main code here, to run repeatedly:
    //1. Red LED ON; Yellow LED OFF; Green LED OFF
    digitalWrite(red_led,HIGH);
    digitalWrite(yellow_led,LOW);
    digitalWrite(green_led,LOW);
    //2. Wait for x amount of seconds
    delay(1000); //1 second delay
    //3. Red LED OFF; Yellow LED ON; Green LED OFF
    digitalWrite(red_led,LOW);
    digitalWrite(yellow_led,HIGH);
    digitalWrite(green_led,LOW);
    //4. Wait for x amount of seconds
    delay(1000); //1 second delay
    //5. Red LED OFF; Yellow LED OFF; Green LED ON
    digitalWrite(red_led,LOW);
    digitalWrite(yellow_led,LOW);
    digitalWrite(green_led,HIGH);
    //6. Wait for x amount of seconds
    delay(1000); //1 second delay
}
```