



JERSEY CODERS

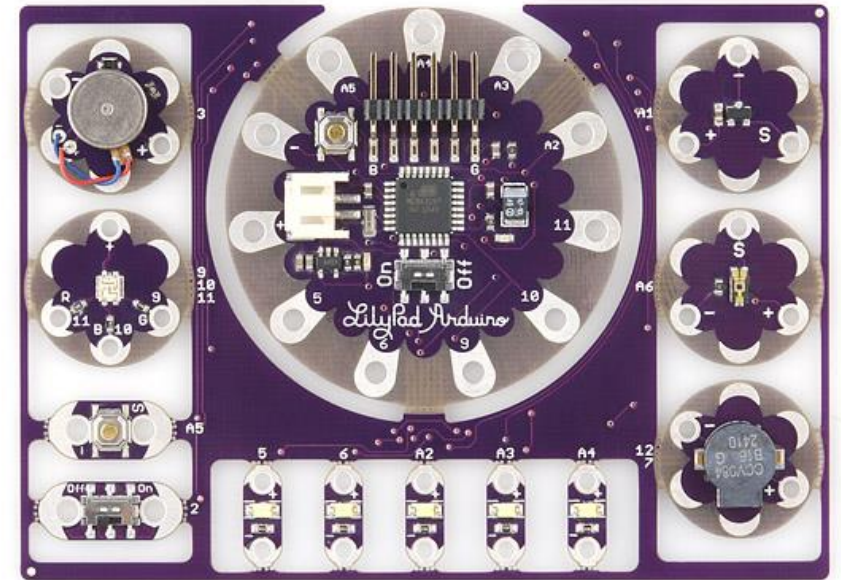
Bright Sparks!

Electronics Group



Lily Pad Arduino

It a microcontroller board that you can code to do almost anything.



Reaktionz

do {

WaveDirection = 1 - WaveDirection;

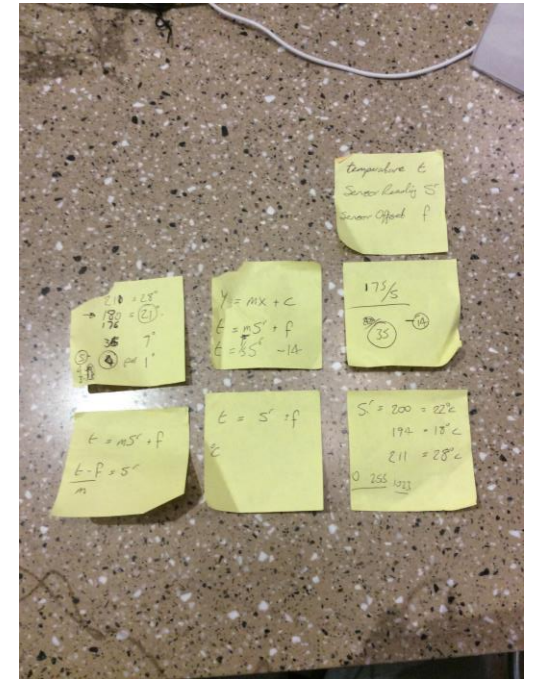
} while (digitalRead(Button) == 0);



Binary Temperature Sensor

```
//ReadTemp
sensorReading= analogRead(tempSensorPin );
//process into degree celsius (uncalibrated at present)
temperature = (multiplier * sensorReading) + sensorOffset;

//convert to binary
for (int i=0; i <= 4; i++){
    LightPosition = (int(temperature/(pow(2,i))))%2;
```



What's Next ?

- Wearables
- Hypothermia Hat
- Reaction Gloves
- Smart Home Temperature Feedback
- Light Harp With Calibration

Introducing Hexy

ArcBotics' Hexy the Hexapod is a fully articulated hexapod robot kit.



Thanks For Watching!