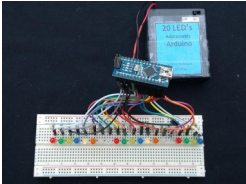


30 Exciting (STEAM*), Pat's Projects you can Build, Code and Run with a Microcontroller.

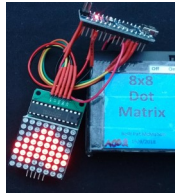
- Arduino

Pat McMahon—13/2/2019

NOTE— All of these Pat's Projects use a Arduino Nano Microcontroller, but you can use any other suitable Microcontroller.



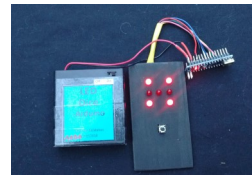
A001 - 20 LED's



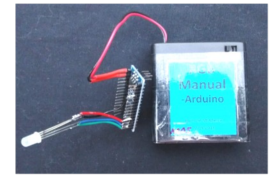
A002 – 8X8 Dot MATRIX



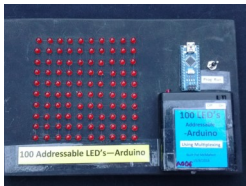
A003 – RGB Infrared



A004 – LED Dice



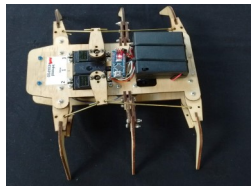
A005 – RGB Manual



A006 - 100 LED's -Addressable



A007 – LCD Ultrasonic Tape Measure



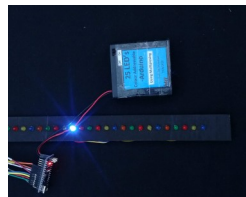
A008 - Hexapod Infrared Robot



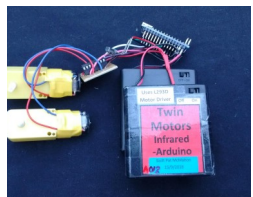
A009 - OLED Graphics White



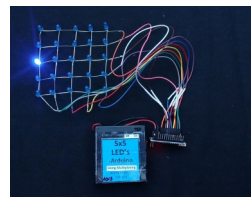
A010 –OLED Graphics Colour



A011 - 25 LED Light Bar -Addressable



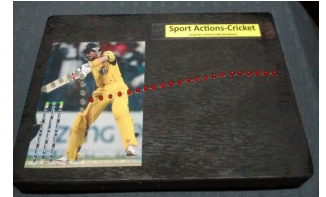
A012 - Twin Motors Forward & Reverse



A013 – 5x5 LED Matrix



A014—LCD Infrared Message



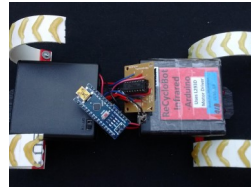
A015 - Cricket - Sports Action



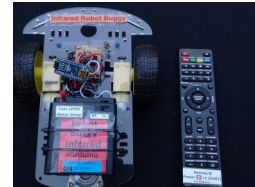
A016 - Table Tennis



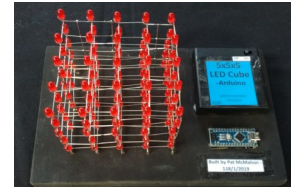
A017 – Basketball -Sports Action



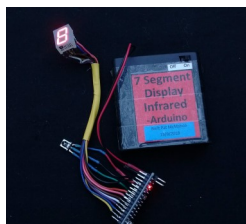
A018 —ReCycloBot



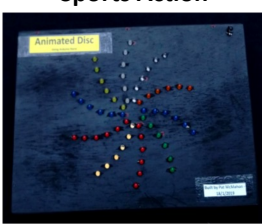
A019 - Robot Buggy -Infrared



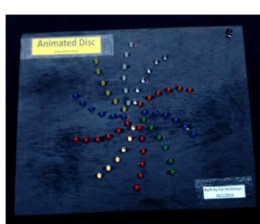
A020– 5X5X5 LED Cube



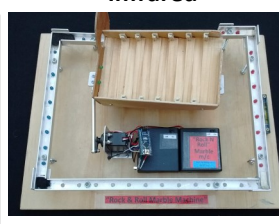
A021– Small 7 Segment Display-Infra



A022– Animated Disc Auto Demo



A023– Animated Disc - Infrared



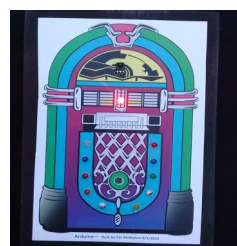
A024 - Rock n Roll Marble Machine



A025– Ring Around Marble Machine



A026– RGB Infinity Mirror



A027—Mini Juke Box

A028—

A029—

A030 -

* STEAM- Science, Technology, Engineering, Art, Mathematics.