

Button 1 >> press to select row number
each time pressed >>
LED is cycled through
once end of row is hit: repeat row

Button 2 >> press to select column number
each time pressed >>
LED is cycled through
once end of row is hit: repeat column

Enter Button >> press to enter row or column selection
If Enter is pressed on row >> row # is entered
If Enter is pressed on column >> column # is entered
1 Letter is selected used values entered in both row and column

Hangman Word >> is checked to see if Letter entered is in word
If it is in word >> LEDs on word placeholder light up in accordance to spot
If it is NOT in word >> LED Life bar dims 1
Buzzer Beeps

Enter must be pressed again to signify the start of a new Letter picking phase
Buzzer will ring

End of Game >> Buzzer whistles, all LED lights flash

2 8-Bit Shift Registers	\$1.50 ea.
3 Buttons	\$3.90 ea.
16 Blue LEDs	\$7.95 (pack of 25)
1 Buzzer	\$1.95 ea.
1 Diode	\$0.16 ea.
1 BJT Transistor	\$0.95 ea.
1 I2C Controlled RGB LED	\$12.95 ea.
1 Sheet Blue Plexiglass	\$10.79 ea.

