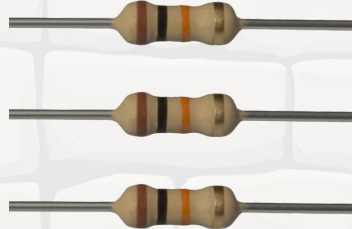


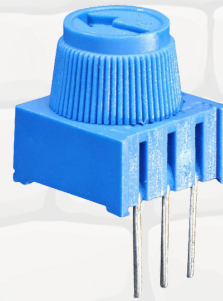
WHAT'S IN THIS KIT?



*Momentary
Push Buttons*



Resistors (Various Sizes)



*Potentiometer
(Adjustable Resistor)*



Jumper Wires (Various Types)

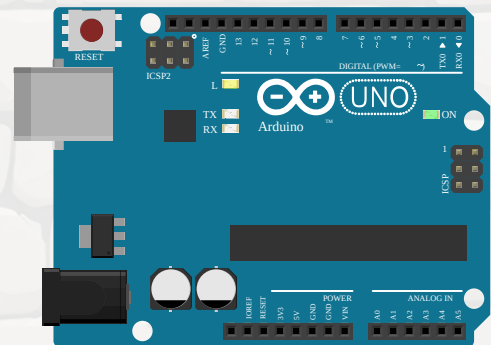


*SDPT Switch
(Single Pole Double
Throw)*

DELUXE KIT ALSO INCLUDES:



USB Programming Cable



Arduino Uno

CHAPTER 1:

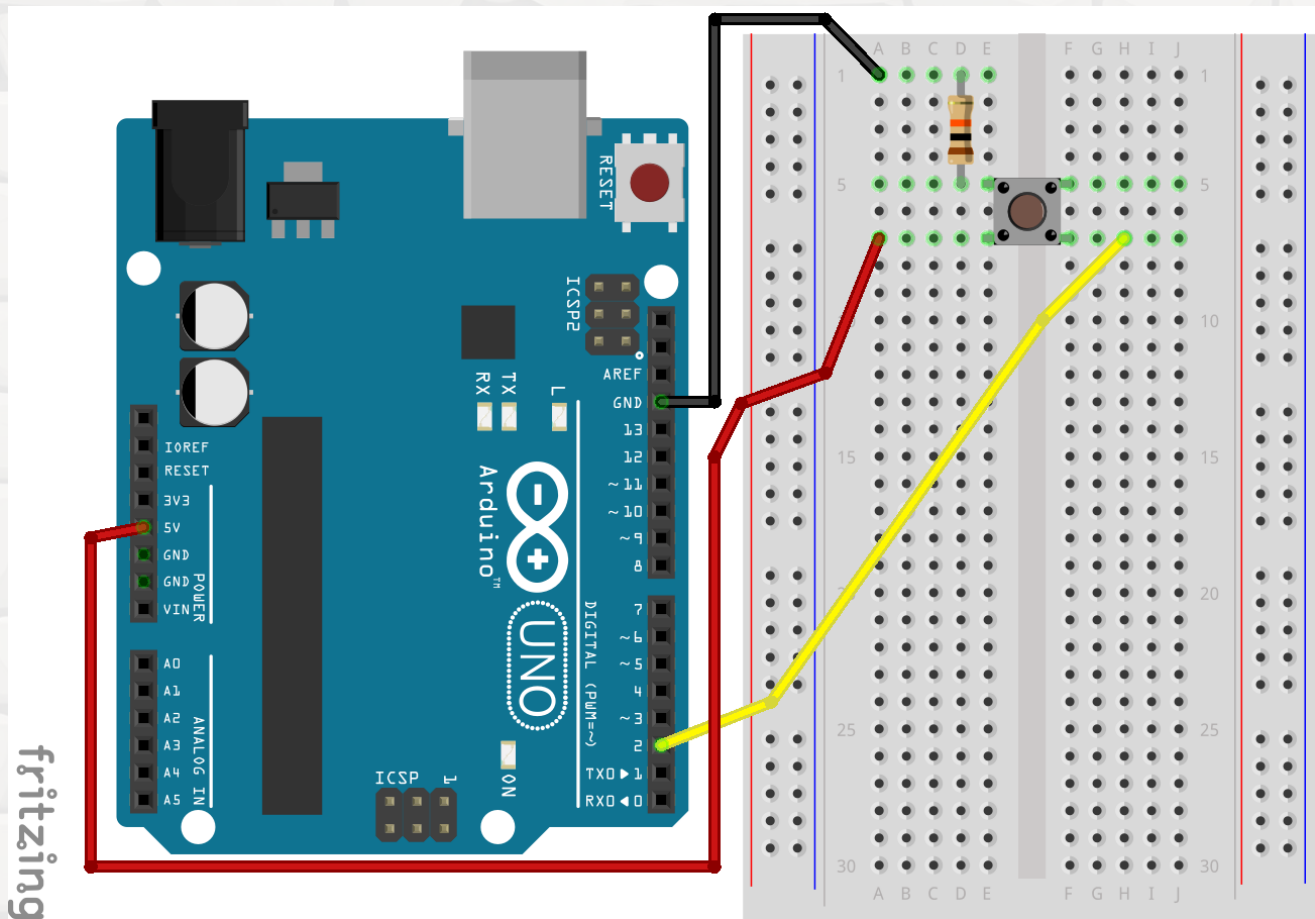
HELLO, CURIOUS MINDS! I AM THE STEAM WIZARD, AND TODAY'S TALE IS ABOUT BENNY, A CLEVER SHIHTZU LIVING IN A WORLD OF WONDERS.

BENNY'S HOME WAS FILLED WITH INTRIGUING GADGETS AND GIZMOS. ONE DAY, HIS HUMAN LEFT A CURIOUS LITTLE BOX ON THE FLOOR. IT HAD A BUTTON ON IT, AND BENNY, WITH HIS PAWS FULL OF EXCITEMENT, PRESSED IT. TO HIS SURPRISE, IT MADE A SOUND! 'WHAT FUN!', THOUGHT BENNY, 'I WONDER WHAT ELSE THIS BUTTON CAN DO?'

MATERIALS NEEDED:

QTY	DESCRIPTION
1	ARDUINO (UNO, NANO, MEGA, LEONARDO, ETC)
3	JUMPER WIRES (M/M, M/F, F/F)
1	MOMENTARY PUSH BUTTON
1	10K OHM RESISTORS
1	USB PROGRAMMING CABLE
1	COMPUTER WITH ARDUINO IDE

WIRING DIAGRAM:



<u>WIRE</u> <u>COLOR</u>	RED	BLACK	YELLOW
<u>WIRE</u> <u>PURPOSE</u>	+5 VOLTS	GROUND	BUTTON SIGNAL
<u>PIN</u> <u>NUMBER</u>	5V	GND	DIGITAL 2