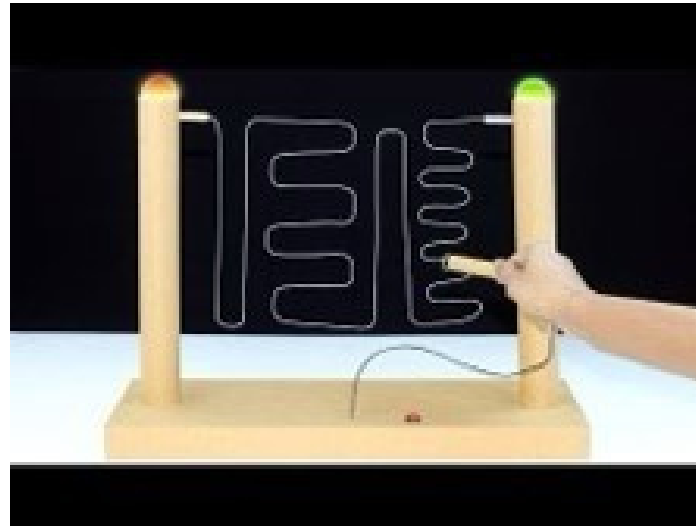


At Skills Alberta we promote excellence in trades and technology careers through skills competitions, hands-on programs for students and resources for educators.

Buzzwire



What's Included

- 1 base plate
- 1 Dowel with 2 Holes
- 1 Dowel with 1 Hole
- 1 Switch
- 1 Battery
- 1 Battery Connector
- 1 26" Steel Wire
- 1 24" Electrical Wire
- 1 Plastic Wand
- 2 Sided Foam
- Wire Strippers

What You Will Need

- Screwdriver

Tag us in your projects! **#ABisSkilled**

Presented by:

Buzz Wire

Please Note: Great care has been taken to pre-drill and cut components to size. Slight variations in material size, density and hole location are inevitable when dealing with wood. The user may be required to adjust and make material fit.

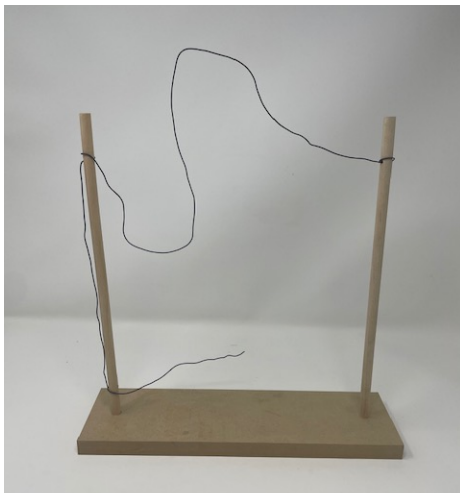
READ FIRST

- Not included in this kit but is required is a Philips (Star) screwdriver #1 and a pair of wire strippers
- Read all instructions prior to starting this project



Step 1: Material

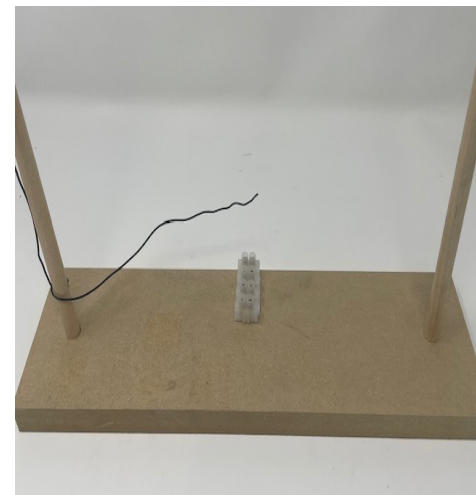
- 1 Base Plate
- 1 Dowel with 2 Holes
- 1 Dowel with 1 Hole
- 1 Switch
- 1 Battery 9V
- 1 Battery Connector
- 1 Buzzer
- 1 4 Post Wire Connector
- 1 36" Steel Wire
- 1 24" Electrical Wire
- 1 Plastic Wand
- 2 Sided Foam Tape



Step 2: Dowel and Steel Wire

Insert the dowel with two holes into the left side of the base and the dowel with one hole on the right, secure with glue.

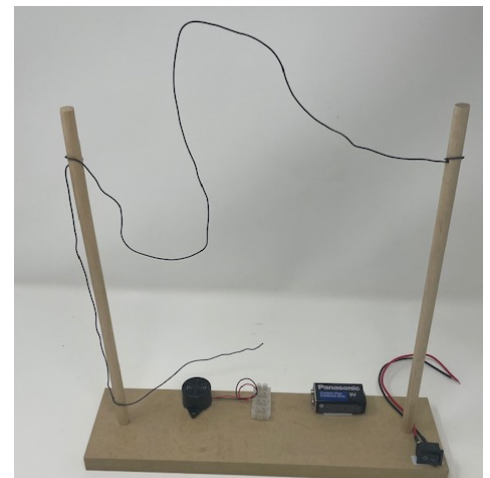
Thread wire through lower and then upper hole on left dowel, and then thread through upper hole on right dowel



Step 3: Installing Components

Install wire connector to base plate with 2-sided foam tape

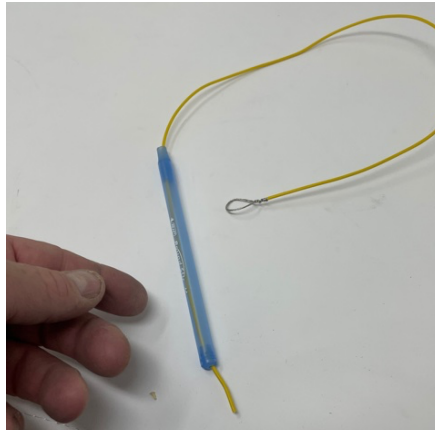
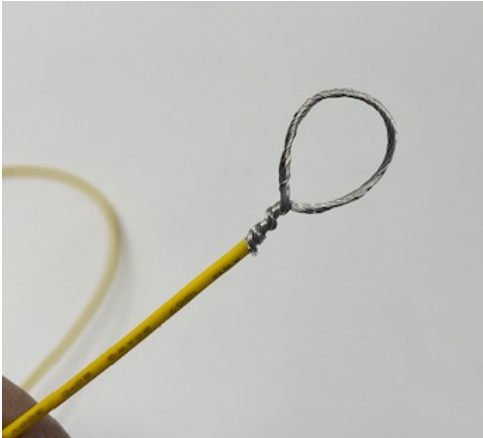
Install the switch, the battery and the buzzer onto the base plate using 2-sided foam tape as per the image



Buzz Wire Cont'd

Step 4: Making the Wand

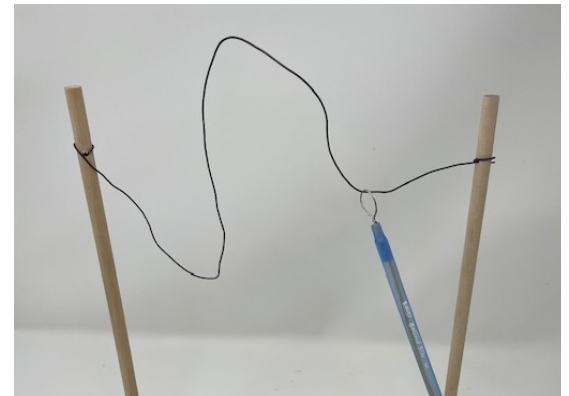
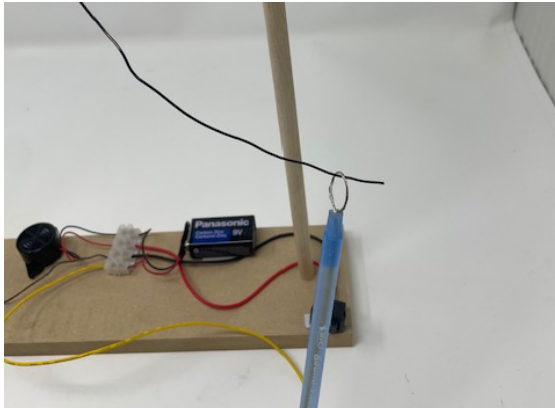
Remove 2.5" of the insulated coating off the 24" wire using a wire stripper. Twist the stripped end to form a loop. Thread the wire through the plastic wand until the wand meets the created wire loop.



Step 5: Installing the Wand

Remove the steel wire from the upper hole on the right dowel.

Thread the steel wire through the loop created at the top of the wand and resecure the steel wire to the upper hole on the right dowel. Shape steel wire to the desired shape.



Step 6: Wiring the Components

To complete the wiring of the components through the electrical connector taped to the base please follow the steps below and reference the diagram.

Attach the battery connector to the battery, take the positive side of the battery connector to terminal one on the electrical connector.

Connect the buzzer to terminal five and six.

Connect the switch to terminal two and three.

Connect the base of the steel wire from left dowel to terminal 7.

Connect the end of the wire on the wand to terminal 8.

Connect the negative side of the battery to terminal 4.

