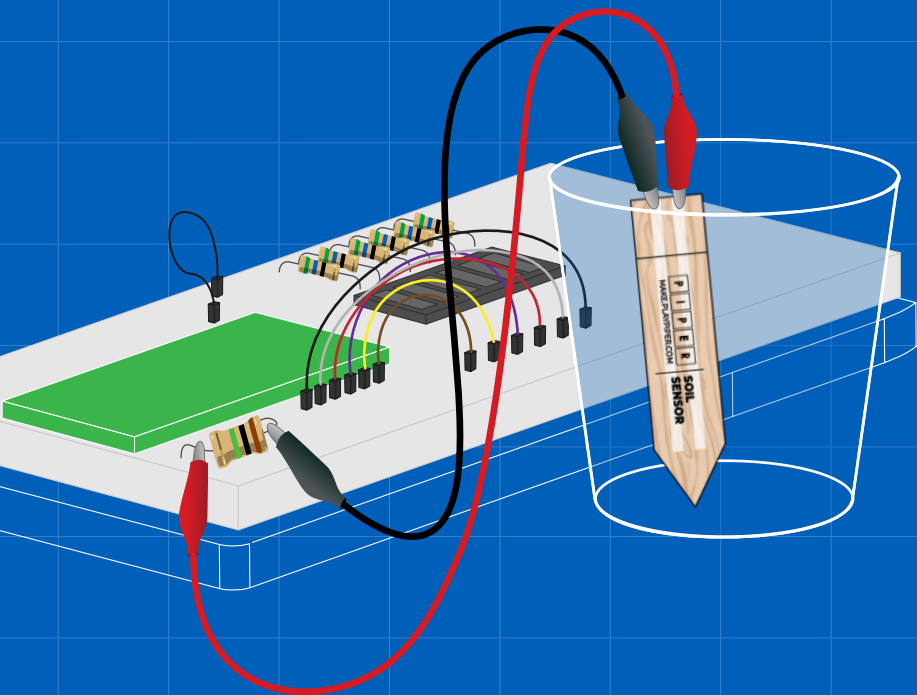


Mission:

Piper Make Soil Sensor

SIDE A

Assembly

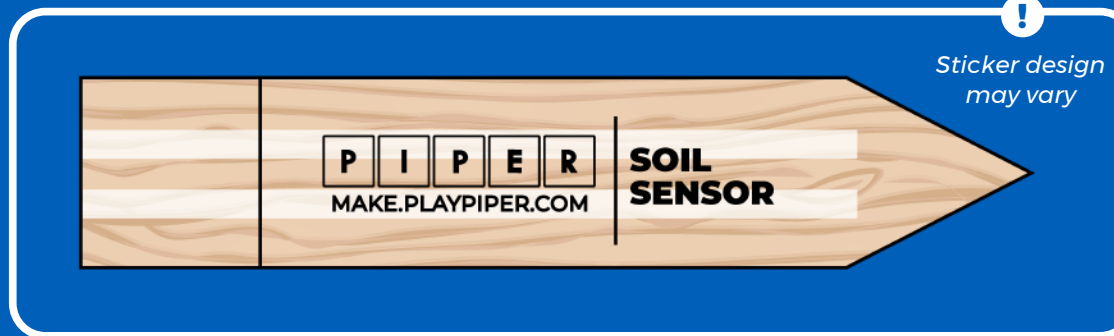


GETTING STARTED

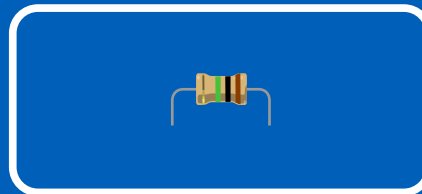
Gather and organize your supplies



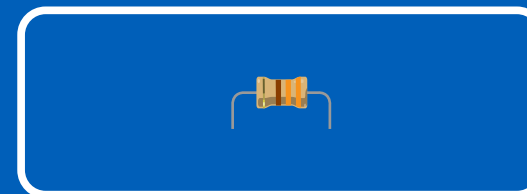
Plastic Stake x 1



Sticker x 1



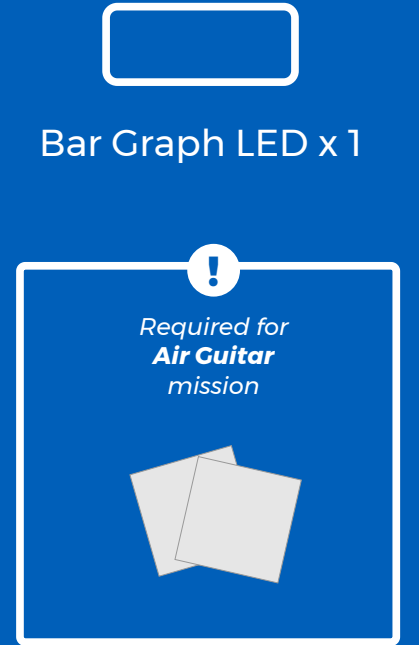
1M Ohm Resistors x 2



333 Ohm Resistors x 10

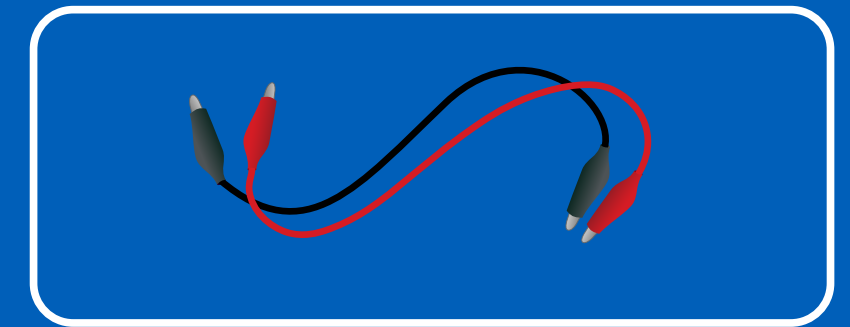


Copper Tape x 1



Bar Graph LED x 1

Aluminum Square Tape x 2



Alligator Clips x 2

INVENTORY

- 1 Plastic Stake
- 1 Copper Tape
- 1 Sticker
- 2 Alligator Clips
- 1 Bar Graph LED
- 2 1M ohm Resistors
- 10 333 ohm Resistors
- 2 Aluminum Square Tape

1 ● ○ ○

Stick Copper Tape, leaving spaces shown by red arrows

Top View

2 ● ● ○

Apply the Sticker to the Plastic Stake

Fold Back

Remove any bubbles or wrinkles

3 ● ● ●

Connect Alligator Clips to Copper Tape

See wiring and moisture calibration instructions in Piper Make tutorials

ASSEMBLY COMPLETE!

Head to Piper Make to continue your mission

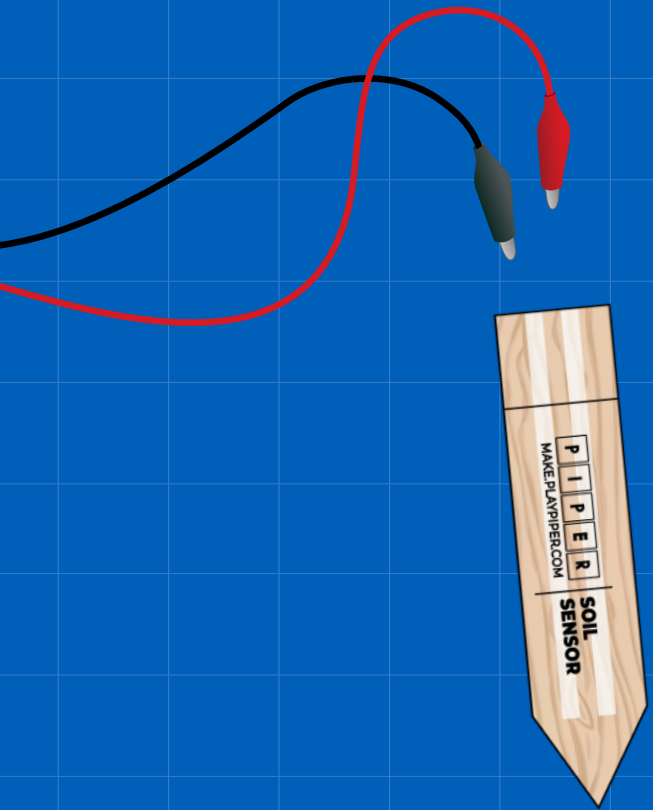
make.playpiper.com

Mission:

Piper Make Soil Sensor

SIDE B

Disassembly



INVENTORY

- | | |
|-------------------|------------------------|
| 1 Plastic Stake | 1 Bar Graph LED |
| 1 Copper Tape | 2 1M ohm Resistors |
| 1 Sticker | 10 333 ohm Resistors |
| 2 Alligator Clips | 2 Aluminum Square Tape |

1 ● ○

Remove Alligator Clips

Place each item on its spot in the clean up box

2 ● ○

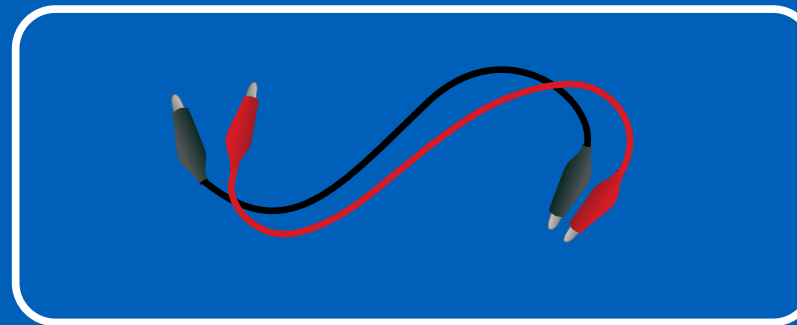
Dispose of Plastic Stake

DISASSEMBLY COMPLETE!

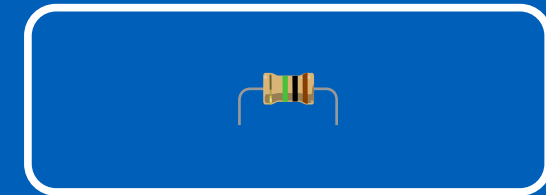
If not already done, place each piece on its spot in the clean up area below

CLEAN UP

Organize your supplies before storage



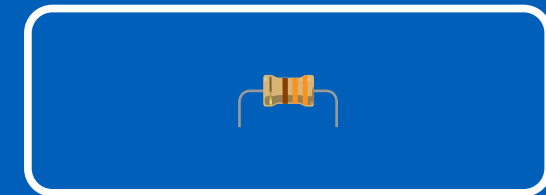
Alligator Clips x 2



1M Ohm Resistors x 2



Bar Graph LED x 1



333 Ohm Resistors x 10