

## TROUBLESHOOTING

**The potentiometer always reads as 0 or 1023**

Make sure that your 5V, A0 and GND pins are properly connected to the three pins on your potentiometer. It is easy to misalign a wire with the actual pot pin.

**No values or random characters in Serial Monitor**

Make sure that you have selected the correct baud rate, **9600**. Also ensure that you are on the correct serial port. The same serial port you use when uploading code to your board is the same serial port you use to print values to the Serial Monitor.

You've completed  
Circuit 1 B!

Continue to circuit 1C to learn about photoresistors and analog to digital conversion.

