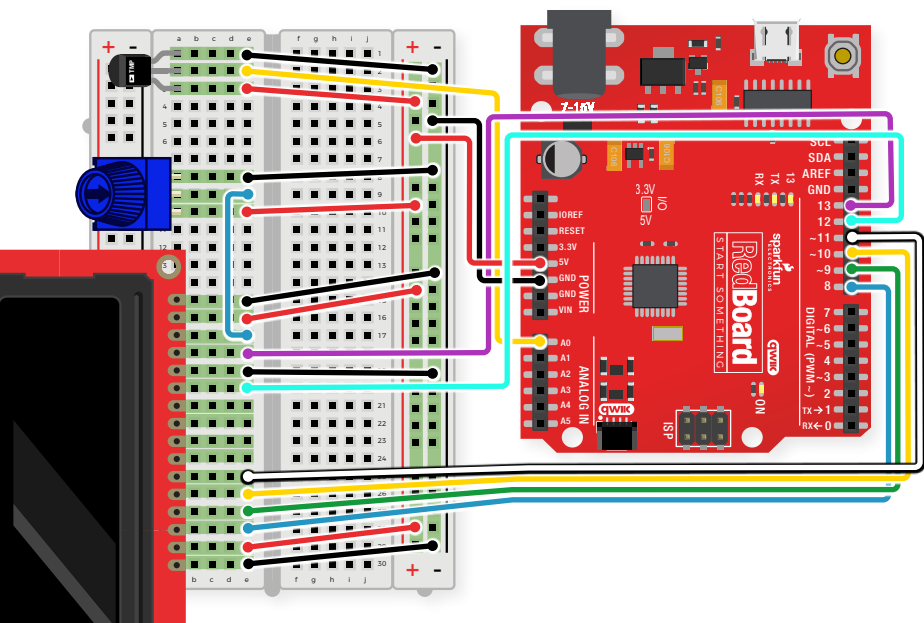


# HOOKUP GUIDE

**READY TO START HOOKING EVERYTHING UP?** Check out the circuit diagram and hookup table below to see how everything is connected.



**HEADS UP!** Double check the polarity of the TMP36 temperature sensor before powering the RedBoard. It can become very hot if it is inserted backward!



JUMPER WIRES	5V to 5V	GND to GND(-)	D8 to E28	D9 to E27
	D10 to E26	D11 to E25	D12 to E20	D13 to E18
	A0 to E2	E30 to GND(-)	E29 to 5V(+)	E19 to GND(-)
	E16 to 5V(+)	E15 to GND(-)	E9 to E17	E8 to GND(-)
	E10 to 5V(+)	E1 to GND(-)	E3 to 5V(+)	

LCD SCREEN    A15-A30 (pin 1 on A15)

TMP36 SENSOR    A1 (GND) + A2 (SIG) + A3(5V)

POTENTIOMETER    A8 + A9 + A10