

Conductive Paint Workshop

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You can draw your own circuit!

Examples:

<https://www.youtube.com/watch?v=3pUvTkCnzOY>

<https://www.youtube.com/watch?v=yo2kRltBaKw>

You can create a touch sensor and/or proximity sensor

Sonic installation: <https://www.bareconductive.com/news/interactive-sonic-paintings-with-electric-paint/>

This is what we will be doing today:

<https://www.bareconductive.com/make/building-a-capacitive-proximity-sensor-using-electric-paint/>

Materials

- Paper
- Wires
- Brush
- BareConductive paint
- RGB LED
- Piezo
- Conductive tape

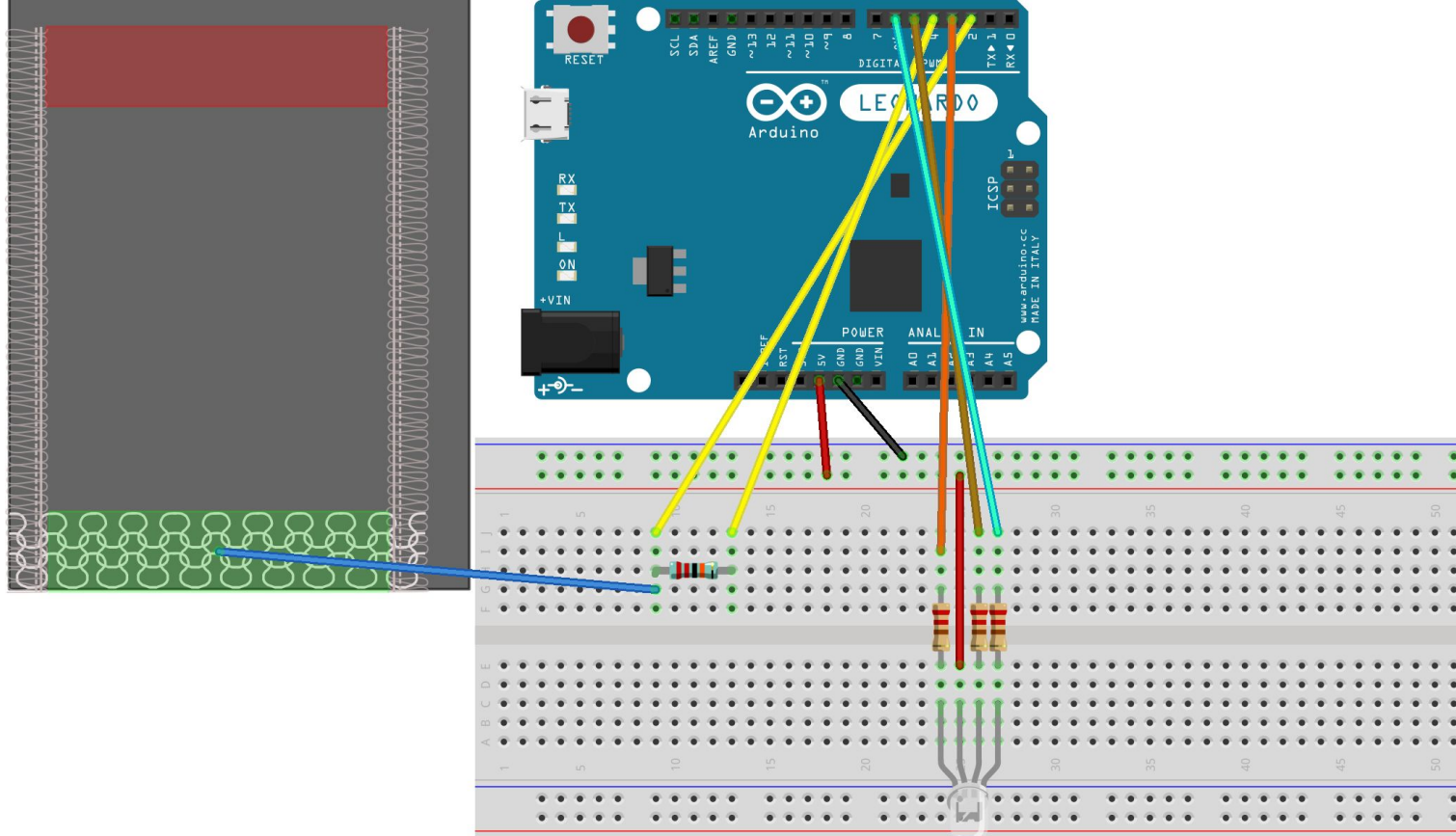
Getting Started

Download the CapSense Library

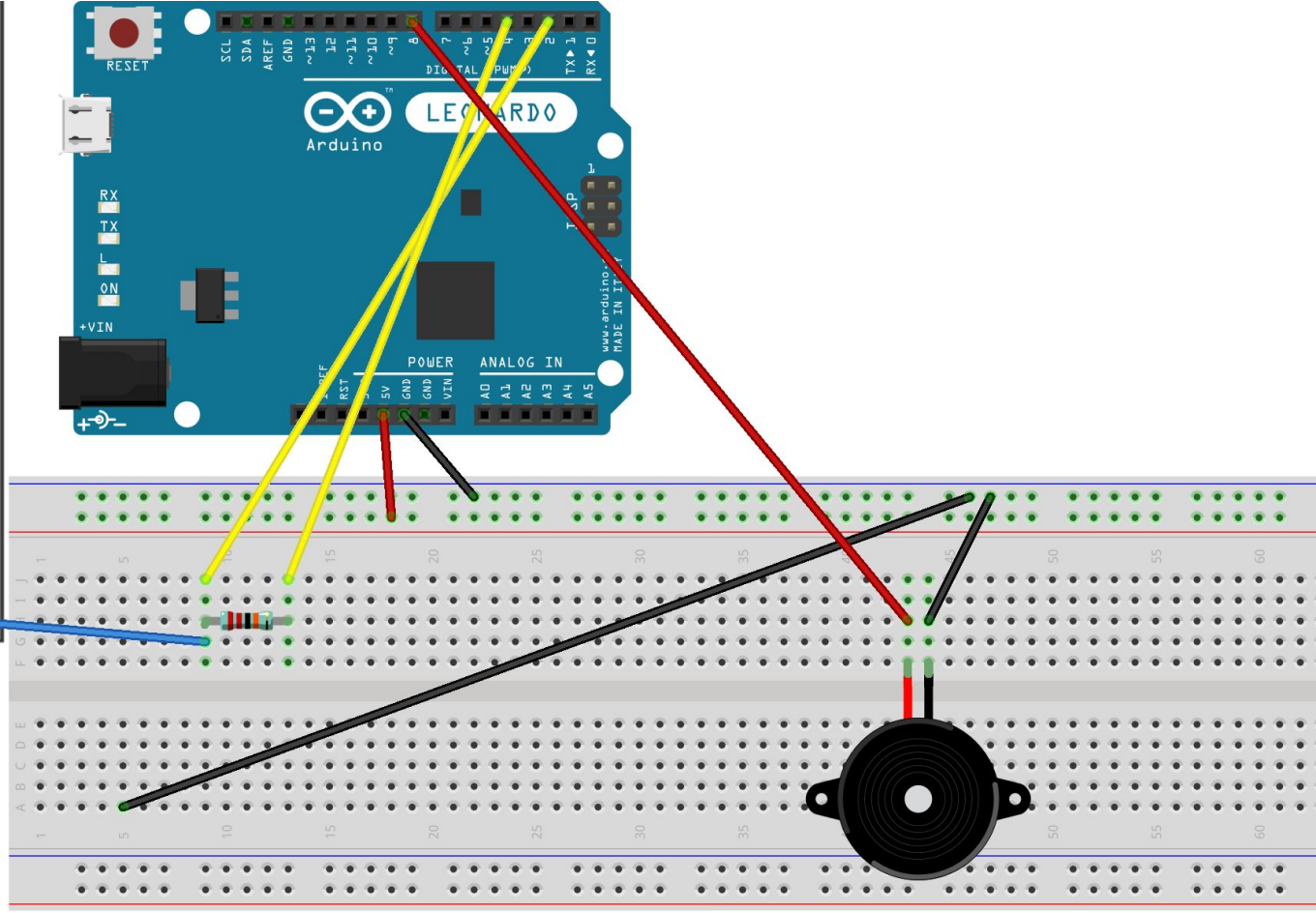
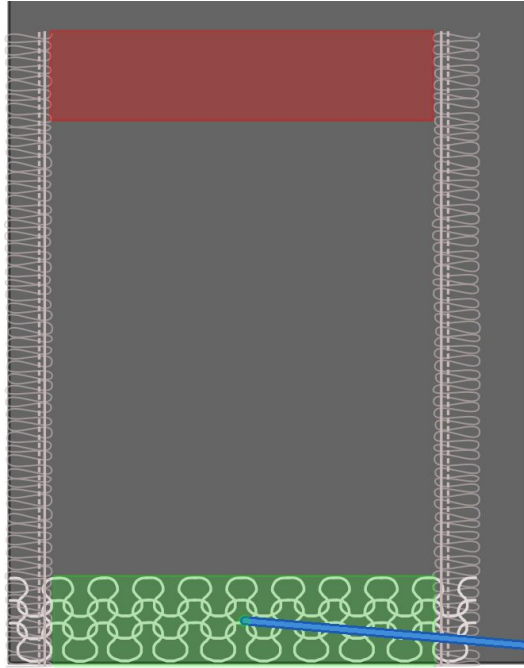
Link: <https://playground.arduino.cc/Main/CapacitiveSensor/>

<https://www.bareconductive.com/make/building-a-capacitive-proximity-sensor-using-electric-paint/>

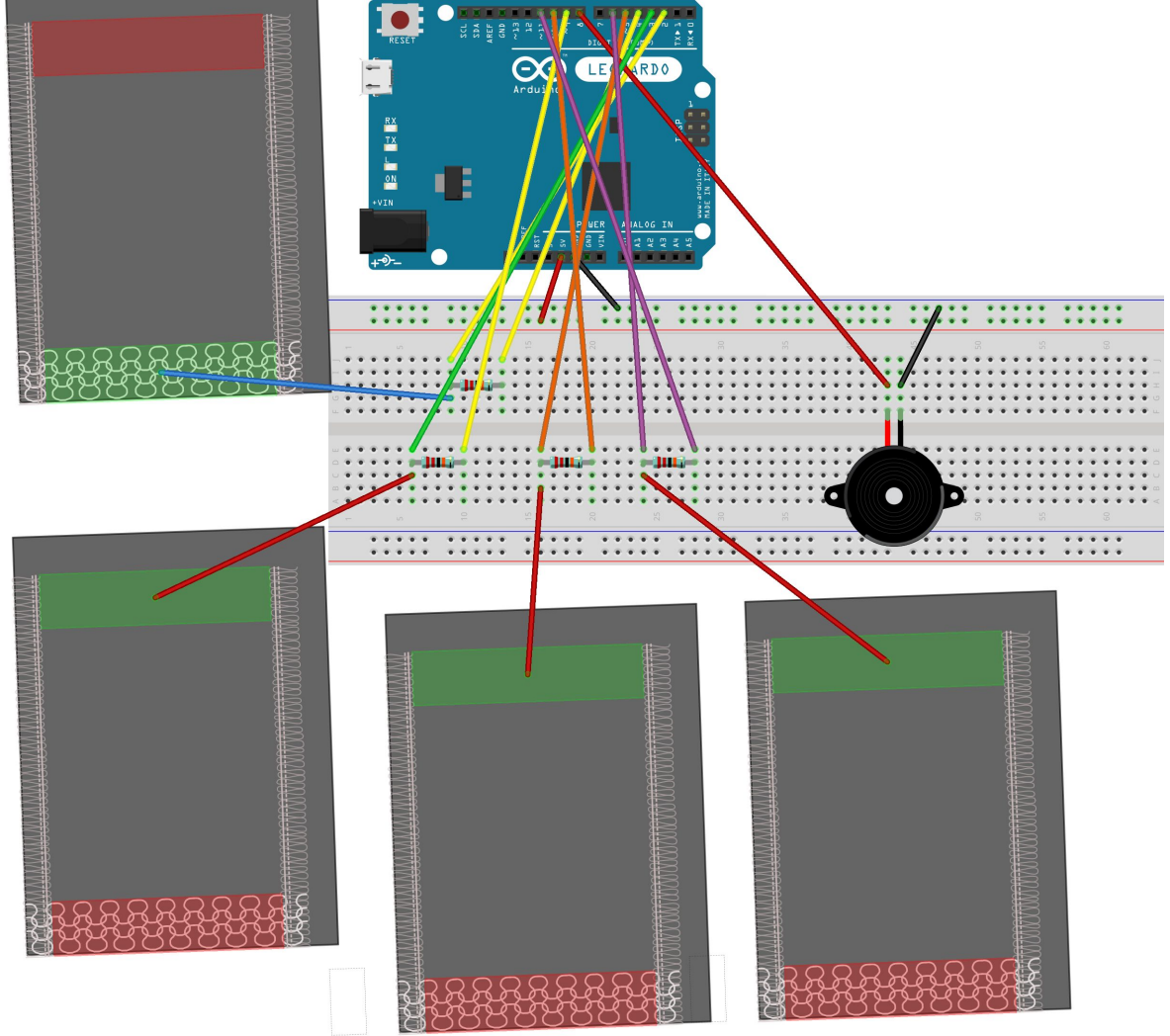
Project 1

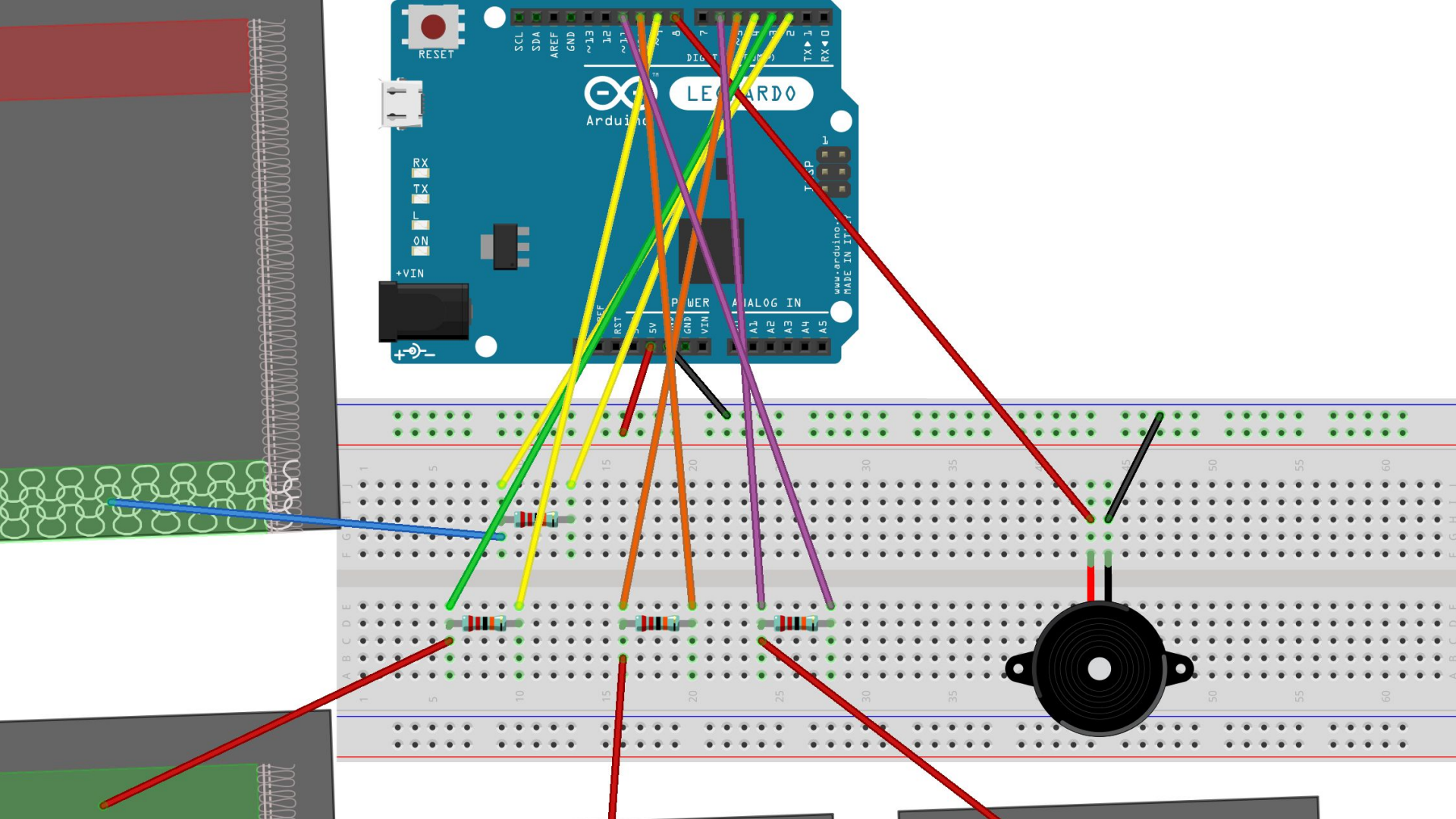


Project 2



Project 3





Improvise

- Try different parameters for the tone on the Piezo
- Try to control the colors of the RGB LED using multiple touch pads
- Create an audiovisual piece with both light and sound