

Sonic Handkerchief

DESERT CODE CAMP 2017.1

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THE SONIC PROGRESSION

✕ Sonic Screwdriver

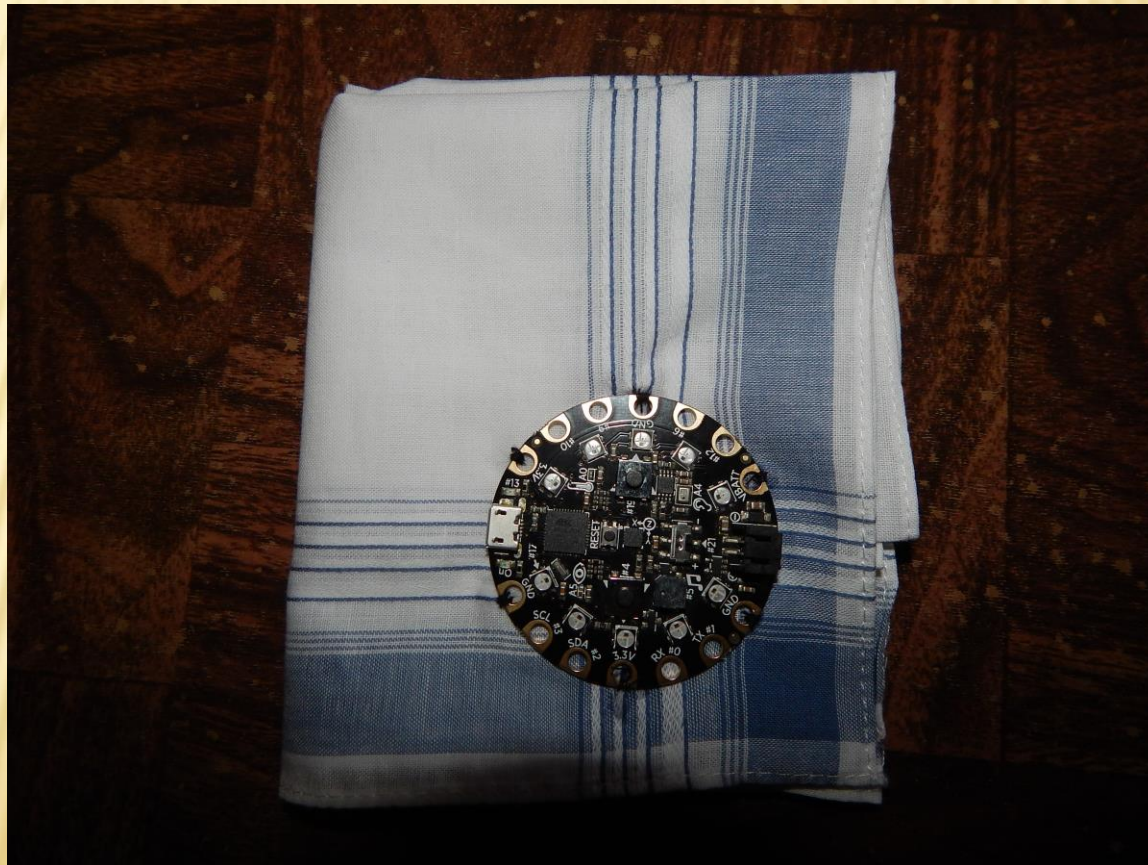


✕ Sonic Sunglasses



SONIC HANDKERCHIEF

✕ The obvious next thing

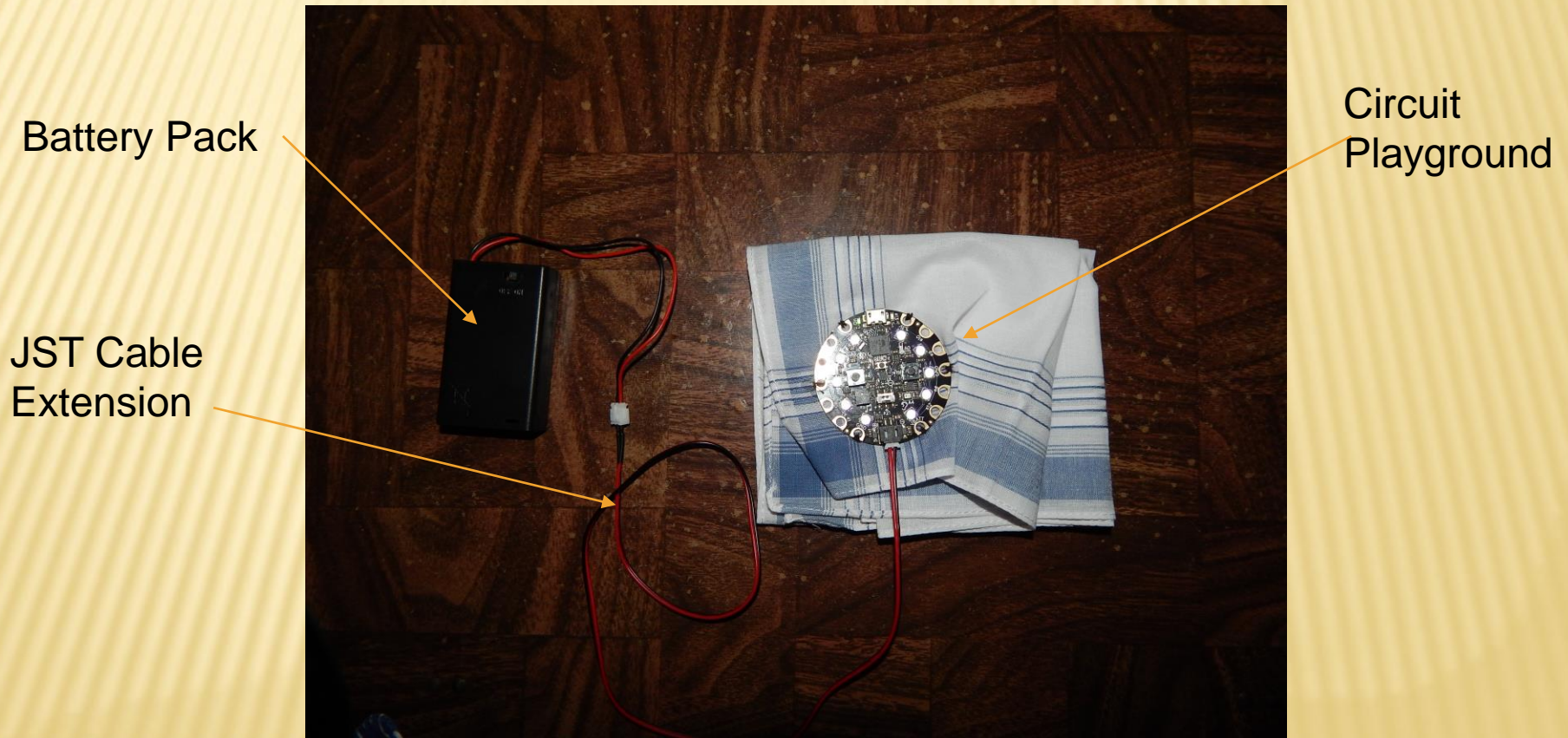


THE SONIC HANDKERCHIEF

- ✕ The project does require sewing.
- ✕ Becky Stern has a great tutorial
 - + Link to her tutorial at the end
 - + Be sure to seal your knots with nail polish as Beck suggests

ASSEMBLY

✕ Other than the sewing, it just snaps together!



SOFTWARE

- ✖ The Circuit Playground programs with Arduino software
- ✖ There is one main Arduino style .ino file and 8 supporting header files
- ✖ I'll be glad to go over these
- ✖ All available on Github (see LINKS pages)

OPERATION

- ✖ The battery extension allows you to carry the handkerchief in one place and the battery in another
- ✖ An excellent user guide is available on Github

DEMO

✕ I'll run it through its paces

SOFTWARE SOURCE AND USER GUIDE

✕ Software and PDF User Guide

+ <https://github.com/dondoerres/drdCodeCamp2017.1>

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**Dr. Who
Handkerchief**

USING THE SONIC HANDKERCHIEF

Everything You Wanted to Know

By Don Doerres and Denise Blommel

LINKS

- ✖ Wearable electronics sewing tutorial:
 - + <https://learn.adafruit.com/adafruit-led-sequins/overview>
- ✖ Circuit Playground and tutorial
 - + <https://www.adafruit.com/product/3000>
 - + <https://learn.adafruit.com/introducing-circuit-playground>

LINKS

✕ AAA battery holder

+ <https://www.adafruit.com/product/727>



LINKS

✖ JST-PH Battery Extension Cable

+ <https://www.adafruit.com/product/1131>



LINKS

✕ Just where do you buy handkerchiefs?

+ https://smile.amazon.com/gp/product/B004ARVYXQ/ref=oh_aui_detailpage_o06_s00?ie=UTF8&psc=1



THANKS FOR SUPPORTING CODE CAMP!

- ✕ Questions?
- ✕ Hope to see everyone next time!