



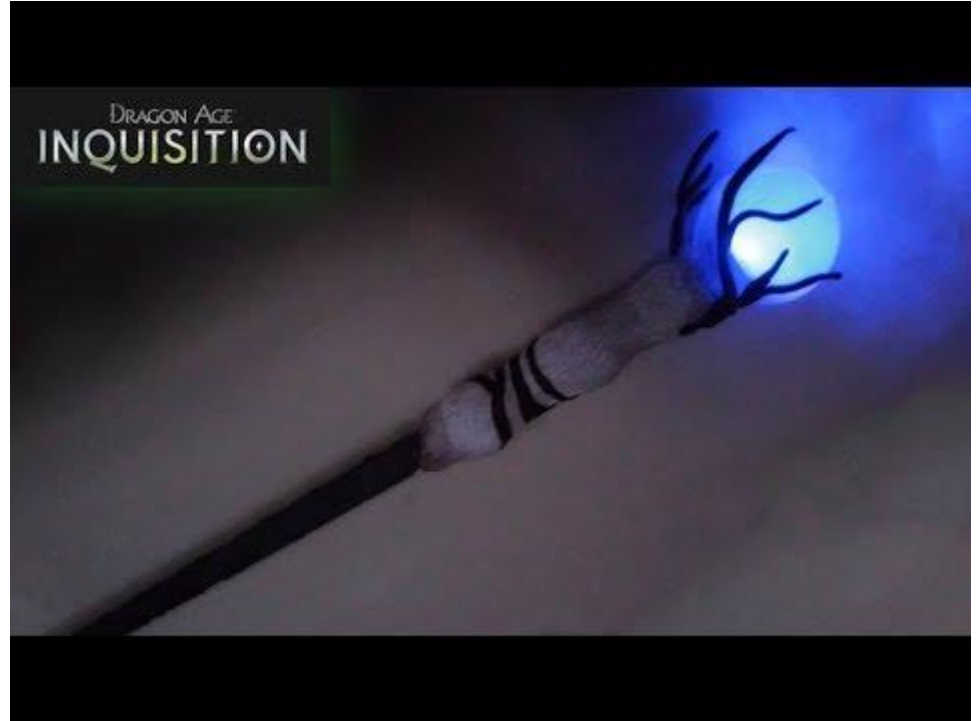
Final Proposal

# The Guts:

<https://learn.adafruit.com/glowing-interactive-crystal-staff>



The *aesthetic*:



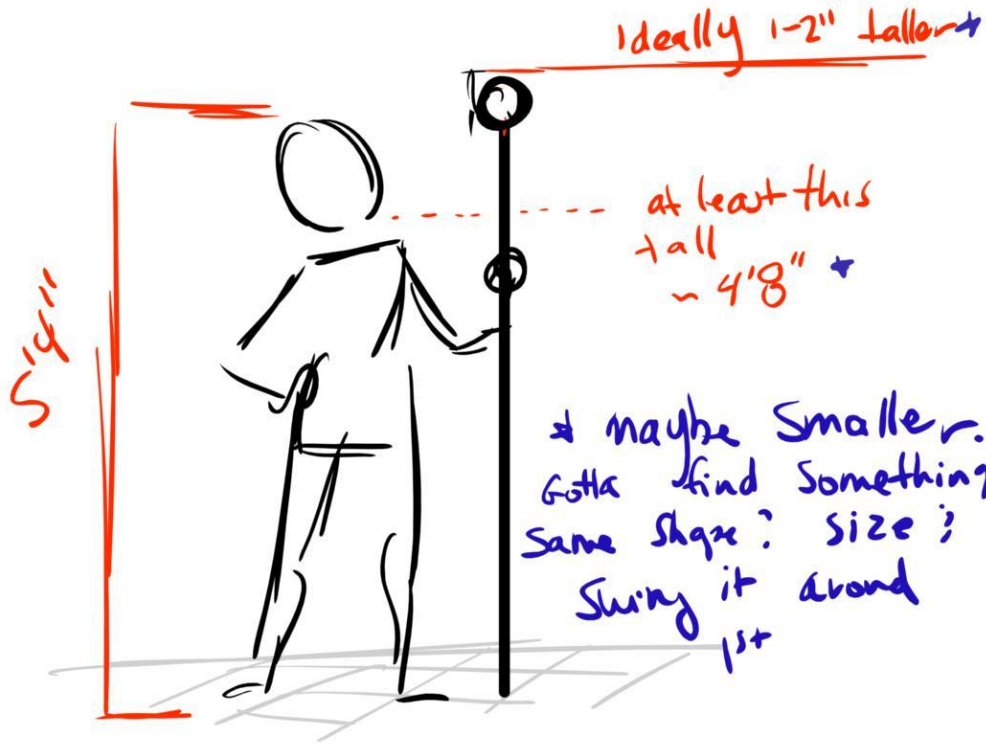
# Stuff it'll do:

-Constant shimmer shimmer

-Tap on the ground and it goes  
PEECHEWCHEWHCEW!

-Different colors-Different movements?





# Supplies

1 x [Circuit Playground Express](#)

Circuit Playground Express Microcontroller

2 x [NeoPixels](#)

Skinny NeoPixels at 60/m

→ less

1 x [3-pin Connector](#)

3-pin JST connector

1 x [2-pin Connector](#)

2-pin JST connector

1 x [On/Off Switch](#)

Glowing On/Off Switch

1 x [Battery](#)

2200mAh Cylindrical Battery

1 x [JST Extension Cable](#)

Battery Extension Cable

1 x [Battery Charger](#)

USB Battery Charger

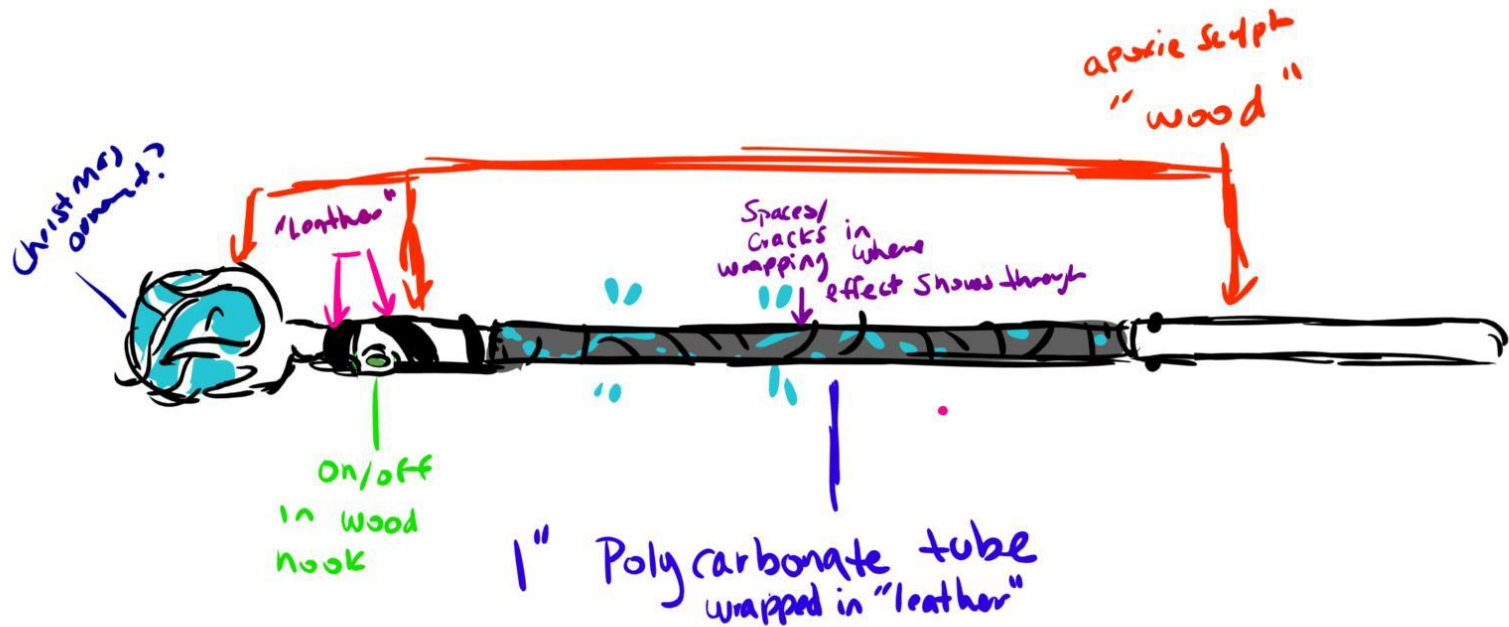
1 x [USB cable](#)

Micro USB Cable

## Additional Parts Needed

- 1" x 5-6' polycarbonate tube (main staff)
- 1/2" x 5-6' polycarbonate or acrylic tube (fits inside the main staff and holds the LEDs)
- Clear Christmas ornament
- a poxie script/worbla?
- on/off
- faux leather strips

ext.



Int.

might have to flare to fit all components

