

Brainstorming

What kind of project will it be:

- Wearable?
- Toy?
- Environment-altering object?
- A combination of some or all of the above?

Materials:

- I have small Christmas ornaments left at home that open in the middle, like that image I found on google:



but we can order bigger ones like the one I used in my etude one (https://m33-melissa.github.io/CART360/assets/Lim,Melissa_etudeOne.pdf) I didn't really like the ideas I came up with, in the etude so maybe we'll be able to think of something else... It can be altered, drilled into, painted. Sensors and LEDs could be put inside... It's pretty fun to hold or just suspend in the air somewhere.

- I'm familiar with sewing and textiles, my parents are tailors so we have a bunch of fabric at home and a sewing machine. I'm pretty noob at it but if we want to make something to wear I wouldn't mind working with fabric. On week 2 in the supplementals, there's this pdf "Handcraft Textile Sensors" that's pretty interesting as to what we can do with textile sensors.
- I also have a bunch of plushies that I don't mind altering if that's something we want to do.
- From etude one, I really wanted to work with the mask, but as to what we can do with it I'm really drawing a blank. It can be dangerous too since the whole thing is probably a conductor and if we add circuits on it AND it's on people's face... danger hazard.

- I think working with LEDs is really fun, so if we could make something based on light and sensors it'd be nice! It doesn't have to be just that, we could use speakers and stuff too.
- I live next to an Addison, endless supplies of electronics but also Sam recommended this website <https://www.spikenzielabs.com/Catalog/> we can order online from but it's located close to the metro Vendome (it's pretty far for me so I don't think I would go). They sell Arduino-compatible hardware, sensors, and kits that are made specifically to be used with an Arduino which I might not find at Addison. (Addison has a bunch of hardware but it's more general, wires, speakers, buttons, etc. here's their website <https://addison-electronique.com/en/>).
- Pokeball Idea (specs)
Sensors: Accelerometer, gyro sensor
Other functions: Vibration, sounds, light, joystick, button
<https://pokeballplus.nintendo.com/>
https://media.nintendo.com/pokeballplus/assets/detail-chart_en.jpg

