Student Name: Brenda Camargo

Project Title (tentative): (Undecided)

Project Summary:

For this project, I aim to create a wearable (in this case, I'll be using a sweater) that lights up when it detects sounds. Using the circuit playground express and a mic amplifier, the right sleeve of the sweater, which will have an RGB Led strip attached, will light up when it detects any noise. However, this whole process will only be activated when the sweater is zipped up (as the zipper will function as an on/off switch).

Planning Stage: List objectives. Assign Deadlines (aka Checkpoints) to each of the project stages.

-Fix my code and get it to work properly.
-Attach mic amp
-Practice connecting the RGB led strips to circuit playground + make sure it works properly
-Make sure the circuit playground will stay put on the sweater.

-Fix zipper

Resources you need but don't yet have**:**

- 5 V battery pack (At the moment I have a 4.5 battery pack)

Skills or Techniques you will use and / or explore:

-Soldering
-definitely working on my coding skills

Define your audience (*do not* say 'anyone'**):**

The audience for this project would be people who are interested in the use of RGB led strips and new approaches at using them as wearables. This is also meant to be for those who intend to explore new ways of using a zipper as a switch.

Related Artists / Art Works: (contextualize your work)

-Yuri Suzuki (usage of sound)
-Beo beyond
-Atsuko Tanaka (had some inspiration from her 'Electric Dress'