

# ICM Final Proposal

Lindsey Johnson

# Idea 1: Vocal Etch-A-Sketch

An digital etch-a-sketch that would use amplitude and frequency to control the x axis and y axis movement.

Learning how to:

- Update to a linear speed vs. exponential
- Refine movement by adding in code that connects previous points

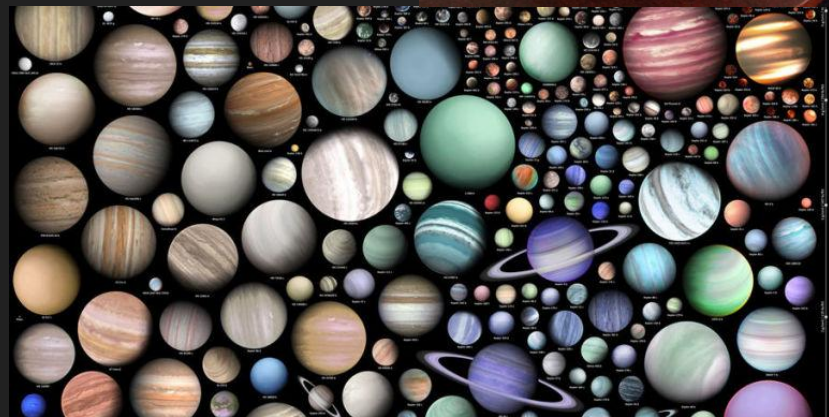


# Idea 2: Planetary Visualization

Projecting on the inside of a sphere to show different planetary textures and colors using different atmospheric components

Learning how to:

- Generating a spherical projection using processing planetarium library
- Creating texture using Perlin Noise



# Idea 3: Connection Room

A room that encourages connection with another person by using emotions to control “mood” lighting

Learning how to:

- Use facial expressions as a trigger through clmtrackr
- Use voice recognition as a trigger with p5 library
- Creating projected gradients

