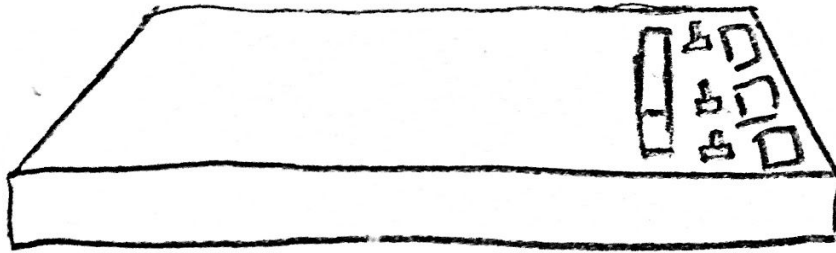Intro to New Media Arts

<center>The Nature of Light</center>

For my final project, I want to take my Night Light project a step further. I want to focus more on the aesthetic presentation of my project while also making it more interactive. White light can be split into colors, and colors can be mixed to make different hues. It's aesthetically pleasing to watch colors get mixed into other colors by controlling how much color is being output, but what would it look like to be in control of splitting the colors? From physics, we know that light can be directed and changed using glass prisms. For this piece, I want people to be able to manipulate light and bend it to their will.



Parts List: 3 potentiometers, 6 neopixels, 12 touch sensor, Arduino Uno

Materials: conductive fabric, 2x4 MDF, glue, tape, solid wire, regular sheet of paper

11 in

15 in

11

15

2

2

2

11