Lara Edwards

Final Project Proposal

1. ***CONCEPTUAL:*** 
   1. For my final project, I have been interested in creating a large plastic enclosed structure that contains materials that when they interact exude euphoric noises. Autonomous Sensory Meridian Response (ASMR) creates senses of euphoric tingling and sensation that starts at the scalp and move down through the limbs. I intend to recreate the hypnotic and euphoric qualities of ASMR through this enclosed plastic box containing spheres with whit LED lights that drift in shallow water and are pushed around by a joystick controlled paddle by a viewer sitting in a dark room under the contraption. I hope it recreates a certain sensation of relaxation, some sort of strange aquarium.
2. ***TECHNICAL:*** 
   1. The project would take the form of a large plastic box built by me of dimensions 1’x2’ elevated from a wall surface under which the viewer can sit and watch and manipulate the water and LED spheres through the joystick connected to the Arduino. In the plastic box is a thin layer of light blue colored water that is maneuvered by an object, probably some sort of strange paddle controlled by the viewer using a joystick. Sitting under the illuminated moving water in a dark room would create a strange sensory experience for the viewer, something between euphoria, relaxation, and fascination. Ideally I want to 3D print an aspect of the contraption, but I have yet to figure that part out. I also intend to incorporate motion sensors.
3. ***SKETCH:***
4. ***MATERIALS LIST:***
   1. Plastic box 1 foot by 2 feet enclosed
   2. Joystick
   3. Water
   4. Blue dye
   5. Circular plastic spheres enclosing LEDS
   6. A structure – paddle or sweeper like? Inside the plastic box that sweeps across and moves water
   7. Arduino
   8. Computer