

**Final Project idea:**

I want to make a piece that tell a story and audience could interact with it. The story could be a love story, an adventure, or a movie scene. I want to make a board or maybe a couple board that combine into a bigger board. There are models on the top of the board and I will hide all the wire and Arduino underneath it. There will be different models or cubes on the side and audience could place it on the specific place of the board to trigger the movement or light. There could also have some touch sensor that make the motion.

**Possible Example of the story:**

Make a scene in LA LA land. Two figure on the top of the mountain. And when people put an object on the scene. The street light will turn on.

**Possible Example of the motion:**

DC motor: When put the object on the board, Carousel will start turning.

**Example of the Model:**

<https://www.youtube.com/watch?v=ydPRLghjbnU>

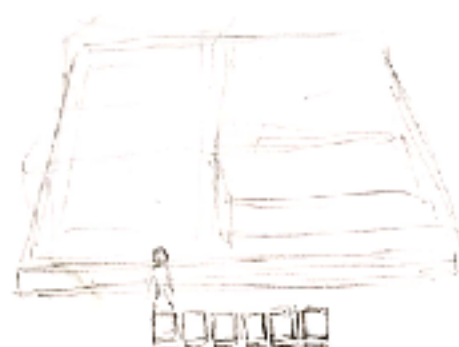
I could make some figures, object or landscape of the models and then place in different location on the board.

**Example of interactive table:**

<https://creativityhero.com/diy-projects/diy-interactive-led-coffee-table/>

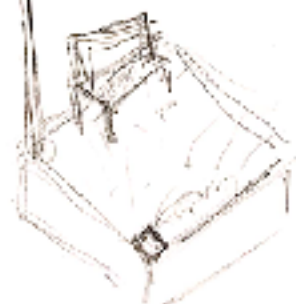
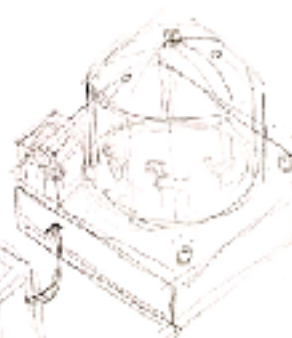
I can use the same way to trigger the motion and light in this piece.

Sketchbook



Dr. Hildegarde -  
Camera

LDR  
Touch sensor  
Infrared proximity



RGB  
Color sensor  
17 numbers

Gap animation - 60p knots