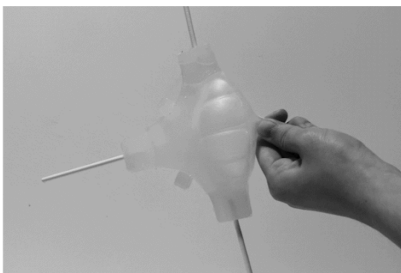
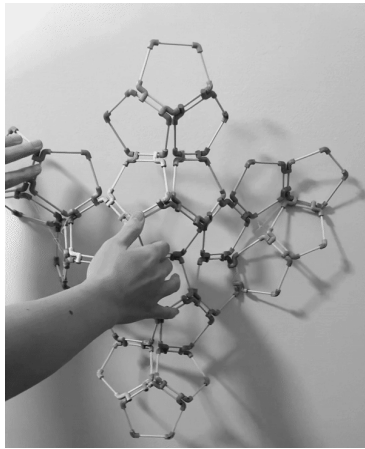


# Week 1: Final Project & Getting Started

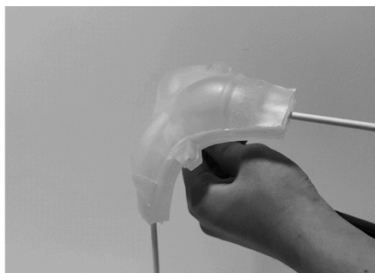
My wish in this course is to create a transformable structure that is able to respond to the environment or gestures/touch. I hope to dedicate my final project to independent interests in pneumatics. Below is a compilation of some of my studies.

## Idea 1

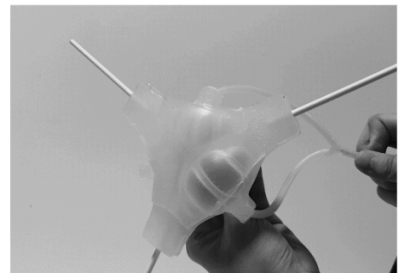
Dynamic scaffold structure with pneumatic nodes



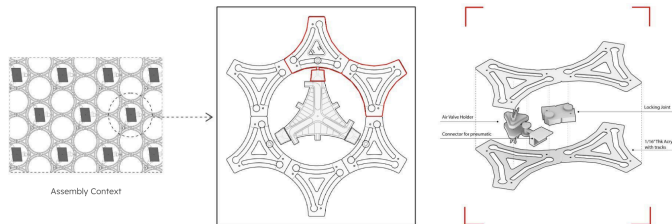
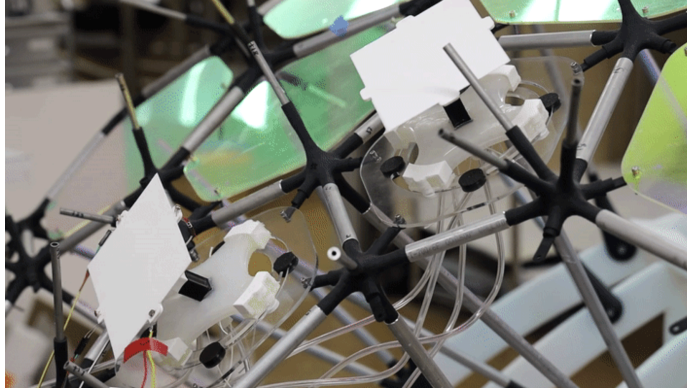
Middle chamber actuated (5.0 psi)



Side chamber inflated (4.5 psi)



Two side chambers inflated (3.5 psi)



## Idea 2

Heat sealing on a 3D printer. These remind me of textiles and I want to create a wearable vest that responds to human touch or temperature. The vest will expand or contract depending on the sensors.

