

Schedule

Week 5 (6/17-6/23)	Phase 1: Experimenting with sand #1 Build sand box #2 Experiment (sand box + Kinect) #3 Make the results usable for modeling (clean extra points, etc) + Add information about works using Biomimicry in the final paper
Week 6 (6/24-6/30)	Phase 2: Modeling on Rhino #1 Take the microscope images and do patterns on Grasshopper #2 Cross the result of the patterns with the points from Phase 1 #3 Model to 3D printer – test the model
Week 7 (7/1-7/7)	Phase 2: #4 Model to CNC – programming Phase 3: #1 Print on 3D – verify errors #2 Print on CNC – verify errors
Week 8 (7/8-7/14)	Phase 4: #3 Laser cut materials Finishing: #1 Keep everything (final paper + models) ready to present #2 Rehearse presentation – use timer 7/14/2016 – FINAL PRESENTATION

Materials

Kinetic Sand	\$10.50/1.5lb
¾" Plywood	Shop
1/8" Plywood	Shop
Acrylic	Shop
3D Printing material (IdeaShop)	Shop
2-1/2" galvanized deck screws	\$5.98/1lb