

WASH / MW Crew

Space Studio Project 3: Inflatatopia

Timeline:

- Elevator Pitches and models due on Wed. 3/5
- Begin working right after pitch is approved.
- Process critique on Wed. 3/28
- Inflatatopia event on campus on Wed. 4/4

Challenge:

Collaboratively design and create a non-representational site-specific sculpture that viewers will physically enter on the SHSU campus. Your collaborative inflatable design, consisting of plastic and forced air, will uniquely address a viewer's passage through an experimental architectural space. This sculpture should explore thoughtful design of both an interior and exterior. The sculpture will be interactive, thus allowing ten adults to comfortably stand inside, walk through and around the form. Each team will begin this collaboration by creating detailed 2D and 3D models, visiting assigned site locations and collaboratively designing, planning and presenting their research during an elevator pitch to the WASH faculty. There must be sufficient evidence of how each team member contributed to the planning and development their inflatable sculpture.

The conceptual focus of your inflatable should be linked to one or more of the following themes found in the 2017-2018 SHSU common reader, *The Good Food Revolution* by Will Allen.

- | | | |
|---------------|----------------|--------------|
| - Growth | - Connectivity | - Community |
| - Cultivation | - Heal/Repair | - Protection |
| - Resilience | - Gathering | - Giving |

Project Objectives:

- Build a non-representational inflatable sculpture that will equally emphasize interior and exterior space.
- Interpret your chosen concept via non-representational design choices.
- Demonstrate careful planning and research through a collaborative proposal.
- Practice active, focused and successful collaboration with your team.
- Make an interactive sculpture that is dynamic, ambitious, and well executed.
- Demonstrate high-quality craftsmanship, design and material sensitivity.
- Successfully install inflatable on campus, on time, and engage the public.

Materials:

Plastic sheeting will be used for this project; we recommend that you choose 3 or 4 mil. Plastic can be purchased at Walmart and/or Home Depot in the painting department. WASH has a limited amount of plastic that we will be dividing among each team for this project, however, each team will need to purchase additional plastic based on their design solutions.

- Materials to Assist in Fusing Plastic: Aluminum foil, wax paper, box cutter, Xacto knife, scissors, binder clips, ruler, heating device (ex. flat iron, traditional iron, heat gun, soldering iron), blue tape and sharpies. Sharpies can be used for making temporary marks for measurements, however, all evidence of the sharpie marker must be completely removed prior to fusing plastic.
- One Large Fan and Three Extension Cords: WASH will provide your team with one industrial fan

and three extension cords. If your design location requires additional fans or cords, your team might need to supply them.

- Fan Attachments and Door Solutions: Your team will need to provide bungee cords and clear packing tape to attach your fan to your inflatable. Depending on the design choices for your door solutions, your team will also need to purchase zippers and/or velcro.
- No glue, paint, thread/string or anything other than air and plastic are permitted as part of your design. Black plastic can **only** be used as a decorative element, as it becomes too hot and dark.

Team Site Specific Locations:

Team locations are all on grassy/non-sidewalk areas. Below, directions are provided as though you are standing on the steps of the LSC with the clock tower on your right. See maps on the garage doors for further assistance.

Team One: Right of the LDB (Lee Drain Building)

Team Two: Left of the LDB (Lee Drain Building)

Team Three: Right of the LSC (closest to the clock tower)

Team Four: Left of the LSC (closest to the library)

Team Five: LSC corner (closest to the food court and Sam Houston statue)

Collaborative Team Interview

Successful collaboration requires knowing each other well. Through this interview, you will introduce yourself and note all team member responses to the following collaborative questions. Record this information in your visual journal.

1. How do you define collaboration?
2. What scares you about the collaborative process?
3. What are your strengths?
4. How do you communicate? (exchange numbers and e-mails)
5. How do you handle conflict or stress?
6. How can your team set up boundaries and plan for success?
7. Does anyone on your team need to clear the air about something? Avoid social tension and be kind.
8. How will you divide collaborative roles/responsibilities?
9. What does the conceptual focus mean to you?

Outside of studio, each team will need to visit the LSC Mall Area to:

- Take measurements and photos.
- Create a detailed map of your space. Be sure to include grass, sidewalks, outlets, tree roots, and buildings. Your form should be thoughtfully installed on the grass in this space.
- Figure out traffic flow. Where should the entrance to your inflatable be? How close or far away are power outlets? Detailed and specific note-taking will be necessary.
- Determine the height, width and length restrictions when placing and designing your inflatable.

Remember: You and your team are creating an interactive work of art. No food, music or artificial lights are permitted on or around your work. Only plastic, air, and cinderblocks wrapped in plastic to hold down the form are allowed.

Team Elevator Pitch:

Your team will formally present your elevator pitch to the faculty. Through the pitch, the entire team will provide an explanation as a means to sell us on the idea, plan, form and use of the assigned location. All team members must participate. Your team will submit a PDF version of the presentation at the start of space studio when the elevator pitches are due.

Sell us on your idea!

Specifically address ALL of the following components in the team elevator pitch:

- Formal themes: inside and outside of the form, elements and principles of design, transparency/opacity, entrances/exits.
- Conceptual themes, chosen from the provided list.
- Detailed Material Budget
- Detailed Material List
- Detailed Site Specific Map
- Work Schedule: (Calendar breakdown, scheduled meetings, goals, timelines)
- Day of Items: Who will bring what? Emergency items, etc. Consider how you will troubleshoot problems on site.
- Day of Public Engagement: How will you explain your project? Think mini-elevator pitches to the public.
- Collaborative Roles: Who will be doing what, both in the elevator pitch and in the entire project? All team members must be present for the elevator pitch. Your pitch will be graded, so you need to make sure the responsibilities are clearly divided. Practice, bring notes, divide responsibilities and be prepared. Vast amounts of research, planning and thought are crucial to strengthen the work as well as your team's overall collaborative experience.

Create Two Models (2-D & 3-D)

As part of your elevator pitch, you will show the faculty two two models of your inflatable. 2-D model can be digitally made with a computer or with drawing materials. Scale is up to you. The 3-D model needs to be a physical model using paper, foam core/cardboard and or plastic. Be mindful that we need to visually understand the clarity of your plan. Visually emphasize and address the overall form, interiors, exteriors, color and pattern choices, the shape of your site, fan portals, entrances and exits.

* * There's LOTS of information here. Please re-read handout and ask questions.

Grade Evaluation:

WASH faculty will use a rubric specifically designed for this project. You will be graded individually, but based on your collaborative efforts. All components of the process will be graded: research activity, team interview, pitch, models, building process, process critiques, day of presentation, etc.

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INFLATATOPIA TEAMS, Spring 2018

TEAM ONE:

Shan'ice, Jel, Hannah B, Toni, Grace, Maddie

TEAM TWO:

Seth, Hannah M., Dan, Marcel, Mia, Taylor

TEAM THREE:

Noah, Victoria, Keaton, Jacob, Britnee, Daryn

TEAM FOUR:

Piccalo, Sherry, John, Violet, Mackenzie, Isabel

TEAM FIVE:

Cesar, Sarah, Frankie, Emmalee, Bri

