

# PIAZZA MODULARE

07 COLLEGGENTILESCO, GIANNI



A collaboration between Leda Demetriadou, Stefanie Zins

# CONTENTS

1. TUTOR BIO
2. CONNECTION TO TOPIC
3. WORKSHOP PROPOSAL
4. MODULES
5. ASSEMBLY + CONSTRUCTION DETAIL
6. TOOLS + MATERIALS
7. SITE METHODOLOGY
8. PEDAGOGICAL ASPECTS
9. TIMELINE
10. AFTERLIFE



## Leda Demetriadou

Architect Engineer + Industrial Designer

Leda is a Cypriot multidisciplinary designer, creating socially impactful solutions. She holds an MEng in Architecture Engineering from AUTH and an MSc in Industrial Design from TU/e. Both her thesis explored user experience within spatial contexts, from urban environments to co-working spaces. She has contributed to international workshops such as MEDS, EASA, CAA and the 8th Biennale of Thessaloniki as a participant and tutor. Her experience spans architecture, urban design, ephemeral structures, UX, and entrepreneurship.



## Stefanie Zins

Product + Industrial Designer

Stefanie Zins is a Romanian industrial designer whose work focuses on bringing positive experiences into overlooked moments within larger contexts. She completed her MSc in Industrial Design with her thesis "Friendly Furniture," exploring how furniture can promote positive social dynamics in public spaces. Her collaborations span companies and startups, particularly those rooted in social entrepreneurship, with experience across furniture, consumer product, and packaging and branding design.

## **WHAT LED US HERE?**

As people who have lived abroad and moved across different lands, we feel deeply connected to the theme of Terremosse. Our paths have been marked by displacement and adaptation, moments of leaving and arriving, and of carrying memories from one place to another. We have moved lands multiple times over the years and are both coming from countries with tumultuous histories. One which forced people to move and leave their belongings behind and one which constantly restricted the lives of its citizens, instilling a generational memory of instability. We have walked on many moved lands and carry that memory into the experience that plan to facilitate in this workshop.

# XERIZOMOS



BUCHAREST



NICOSIA

## Leda Demetriadou:

In Greek - Ξεριζωμός (Xerizomós) Literal meaning: "Uprooting". It is used to describe being forced to leave one's home or land — whether by war, displacement or loss. In Cyprus, it evokes memories of 1974 where people were forced to leave their homes. It carries both grief and resilience: being torn from the soil that gave you identity.

## Stefanie Zins:

In Romanian: 'dor', an untranslatable word that refers to a deep aching or longing for people, places, or moments that are long gone. It is the type of longing that is deep in your soul and goes far beyond the English verb "to miss".



*FRAGILE LANDS CRACKED BELOW OUR FEET*

*FOOT ON EACH SIDE*

*HEARTS LONGING FOR OUR LOST LANDS*



**DOR**

# WORKSHOP DESCRIPTION

This project explores the creation of a modular scaffolding structure consisting of multiple modules with different functions, where play becomes the performance.

Participants will work in sub-teams to design the different modules that will allow visitors to engage in a variety of fun activities with a focus on positive social interactions to revive a sense of community.

These structures would be placed in the centre of Collegentilesco, a spot that used to be a vibrant space of community gathering. This once lively square has become the emptiness between the four families living in four opposite corners of the town. It is the urban symbol of the disconnectedness between them, highlighting an opportunity to bring this vibrancy and social cohesion back to the town.

Since the earthquake in 2016, the town has already gone through several stages of being rebuilt and will likely go through more. Our proposed structure not only aims to honour the celebratory nature that this square once had, but also allow it to flourish and change as the city is being rebuilt.

Creating several modular scaffolding structures that will allow activities\* like sitting, climbing, dancing, and more will bring vibrancy back to this area, while also allowing for changes. The modules could be arranged in different ways depending on the need of the residents, making it easy to adjust to changes while actively creating a space that reunifies the sense of community in the town. The scaffolding structures are also able to be easily disassembled or rolled away, depending on the weather and their use.

The workshop itself will encourage participants to grow their understanding of modular design and to think about how their designs will adapt and change over time in an environment that is being rebuilt as we speak. In communication with the locals, as well as by designing in small teams, participants will identify the needs of the different modules to help rebuild positive social interactions within Collegentilesco.

\*For this workshop, we also propose potential collaboration with Cypriot designers, Demetris and Anastasia, to make an immersive temporary exhibition on one of the modular scaffoldings, which will be used as a projection screen/stage, honouring experiences of the local landscapes, memories, and more.

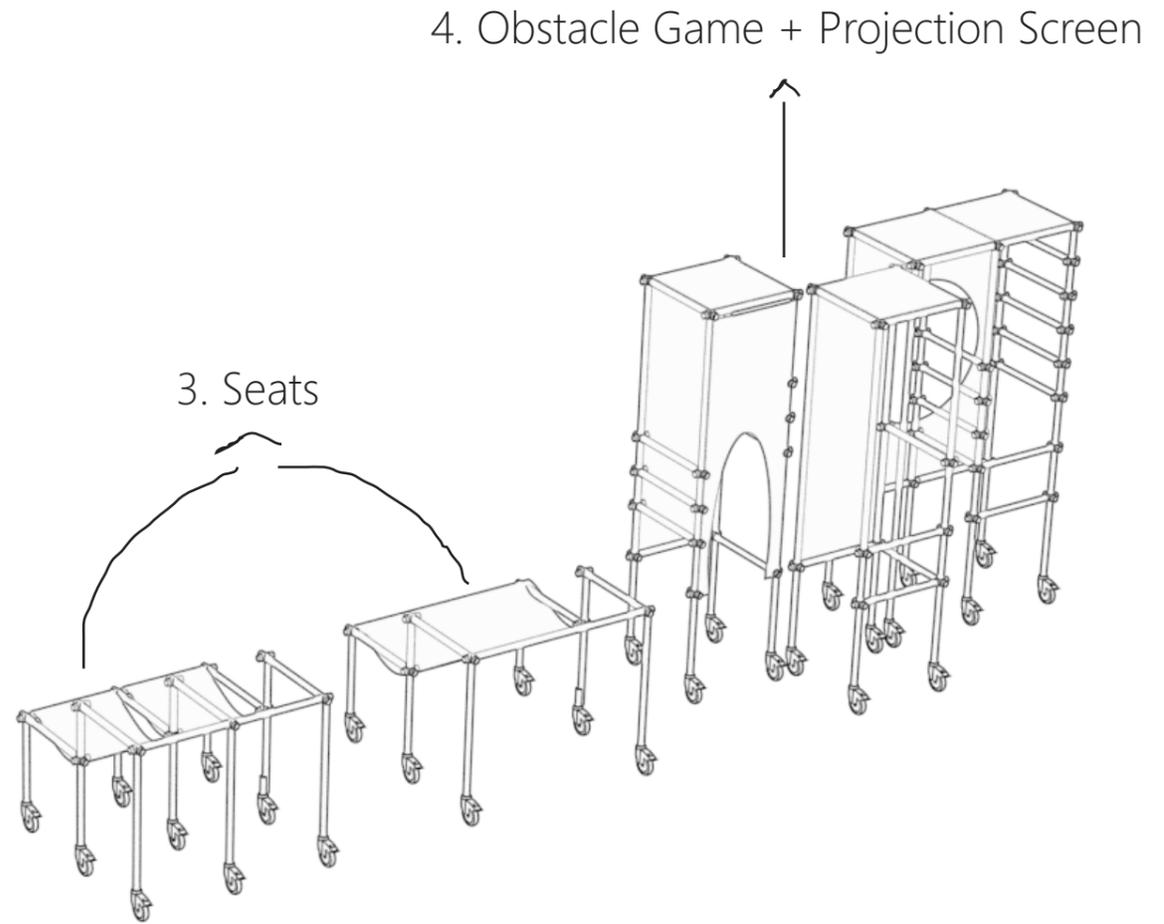
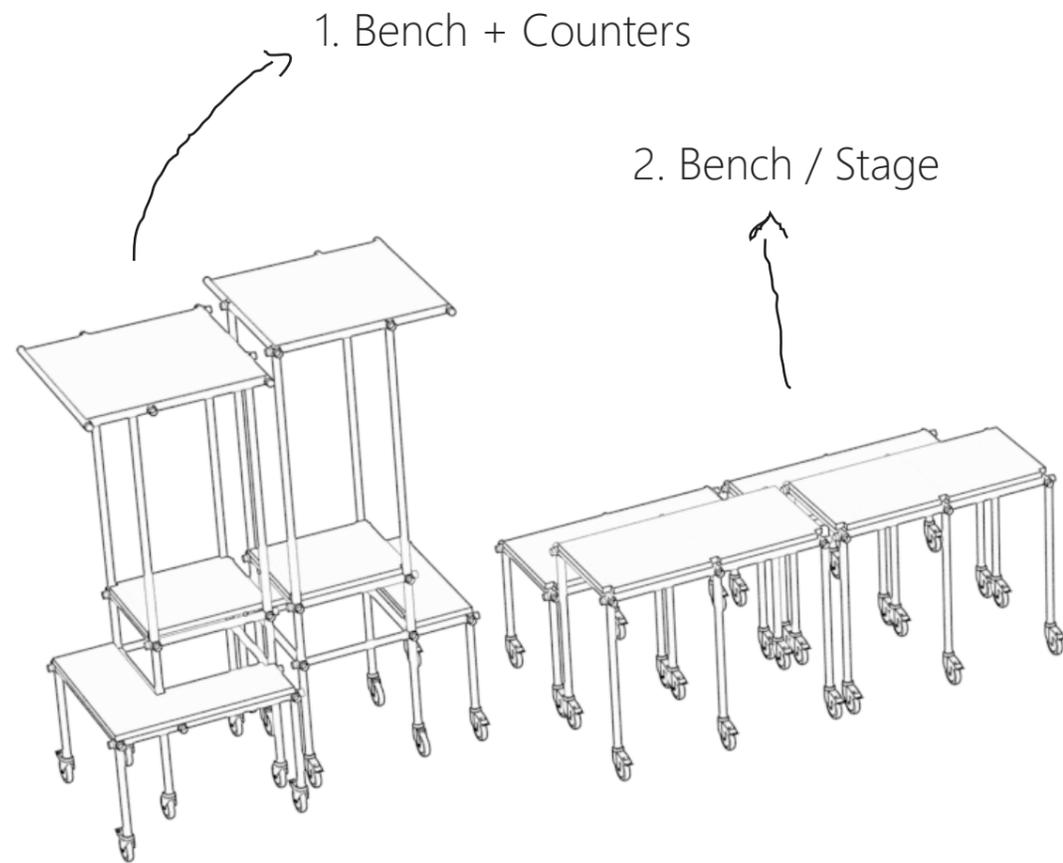


# BRIEF

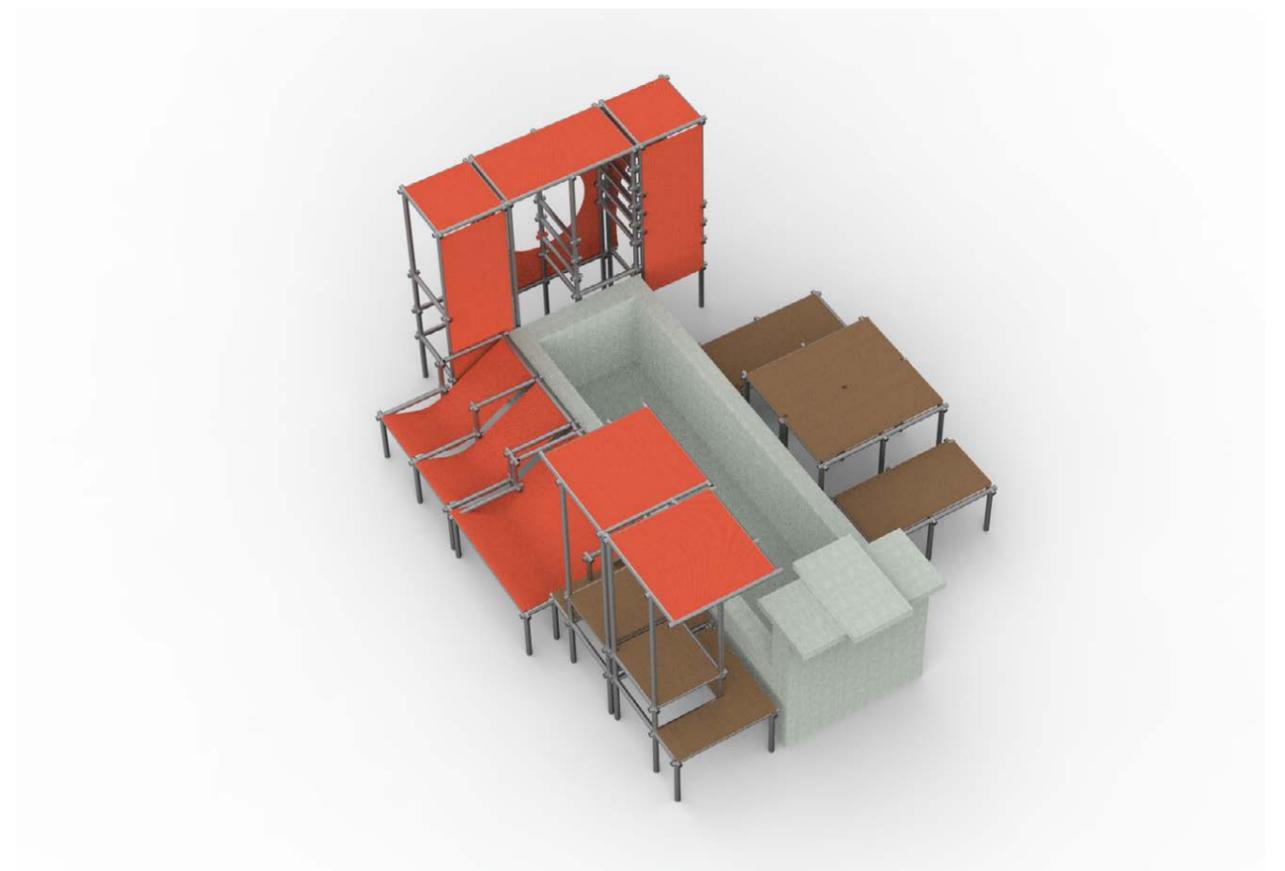
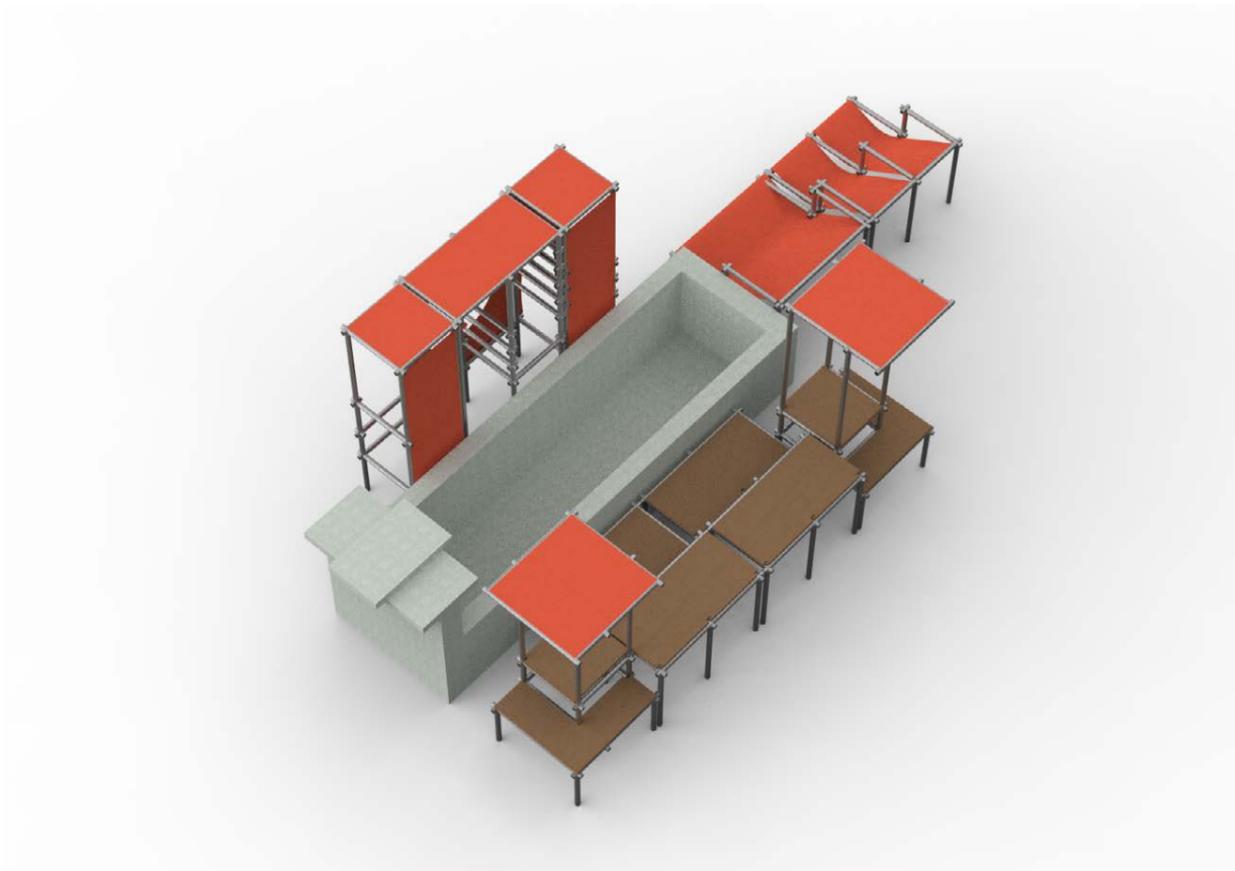
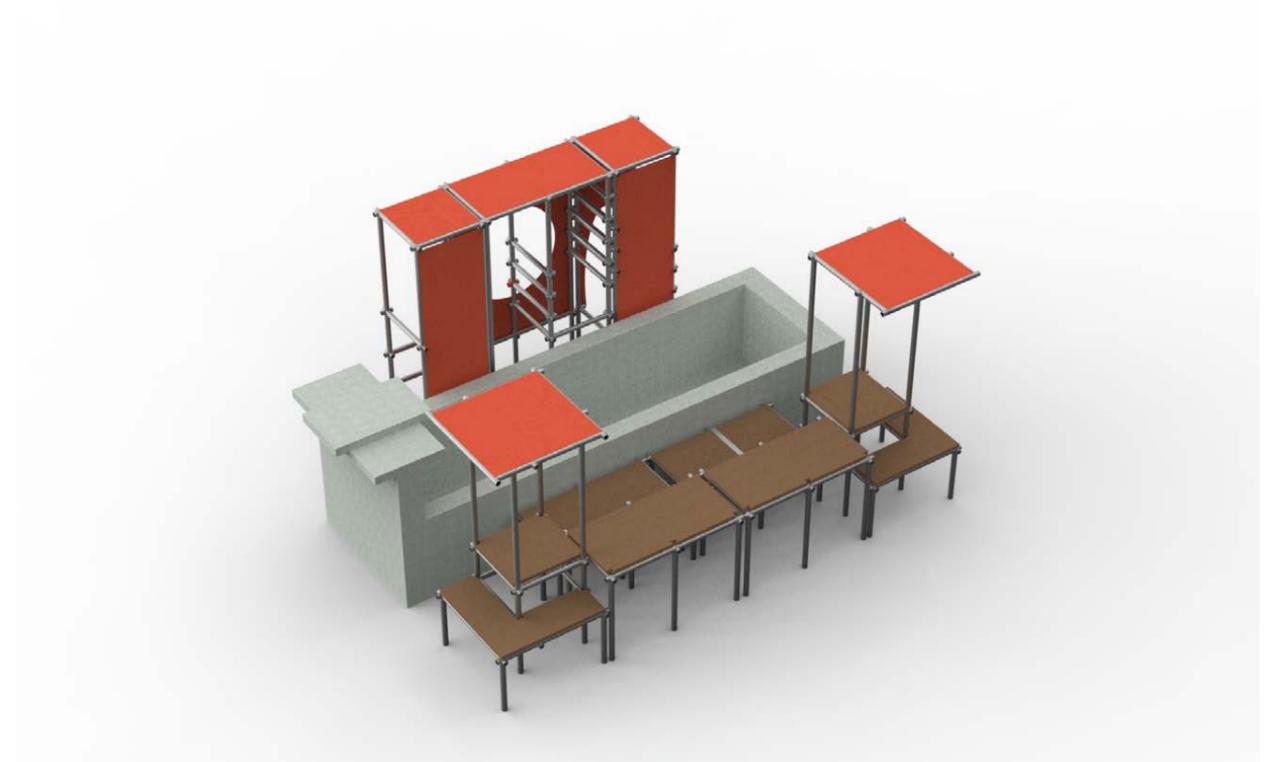
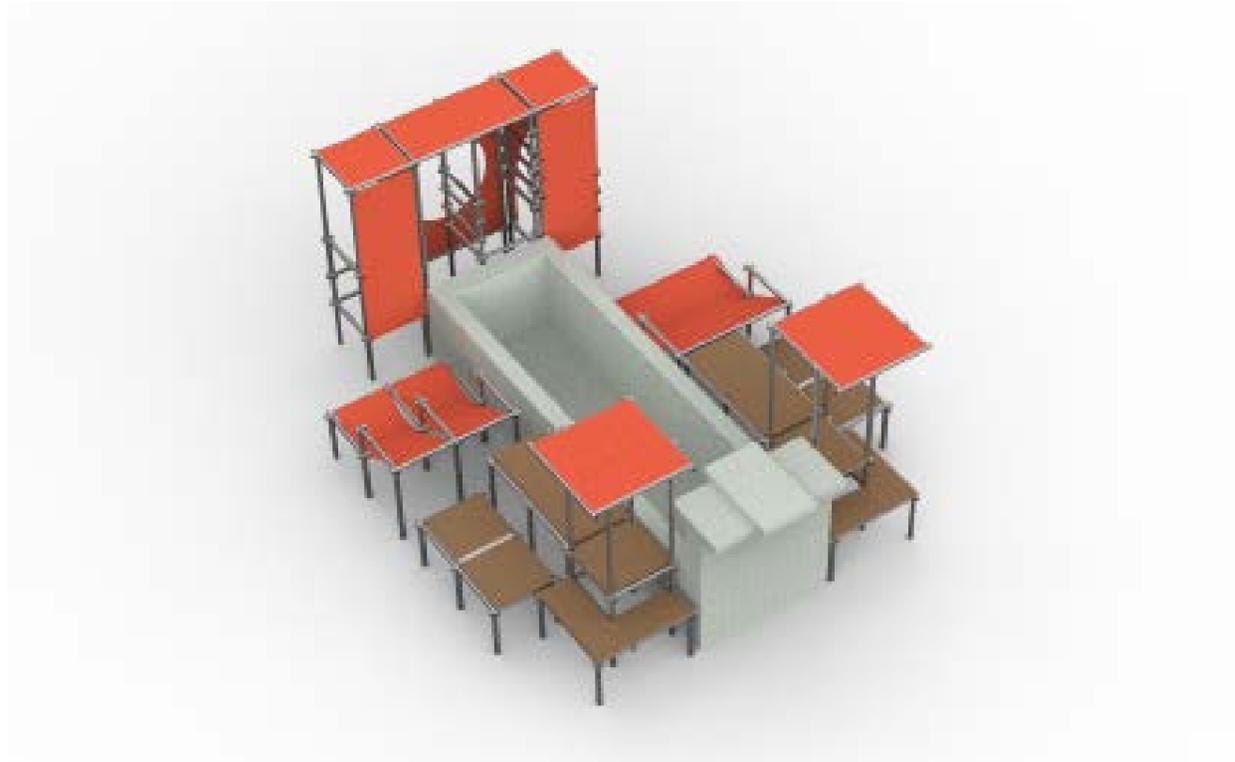
This project explores the creation of a modular scaffolding structure consisting of multiple parts with different functions, where play becomes the performance. These structures would be placed in the centre of Collegentilesco, a once vibrant community centre. Since the earthquake in 2016, this once lively square has become the the urban symbol of the disconnectedness between the four families living in four opposite corners of the town, highlighting an opportunity to bring this vibrancy and social cohesion back as the town changes and rebuilds. Our proposed structures not only aim to honour the celebratory nature that this square once had, but also allow it to flourish and change as the city is being rebuilt through. Through activities like sitting, climbing, dancing, the structures can be arranged to bring vibrancy back to this area, while also allowing for different arrangements as the area continues to change.

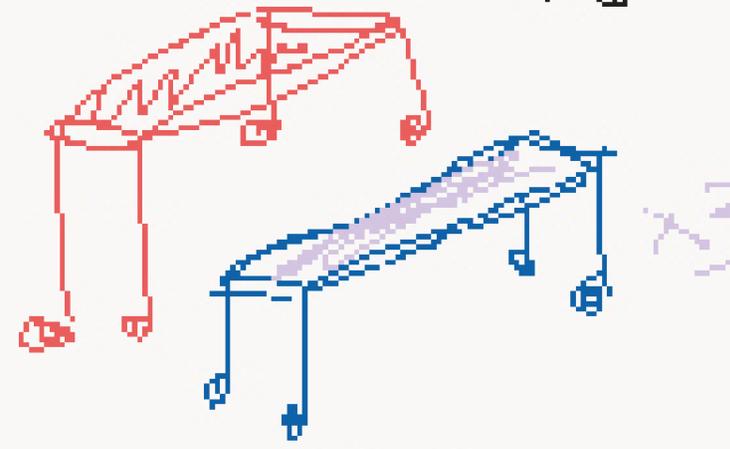
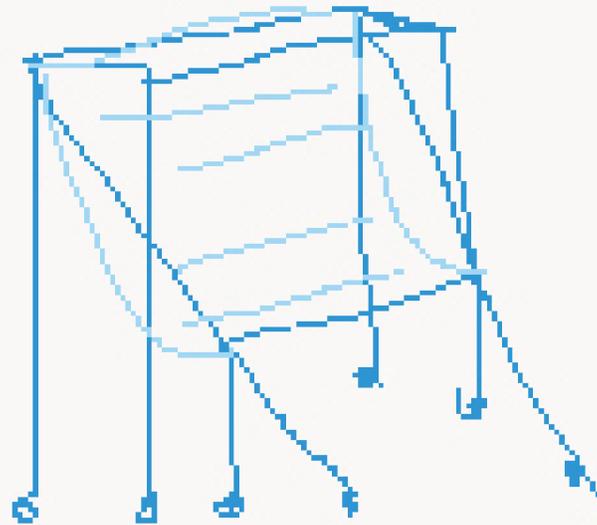
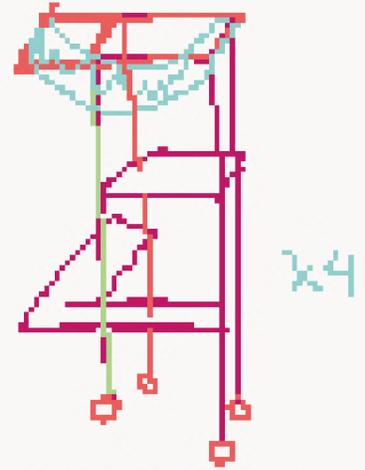
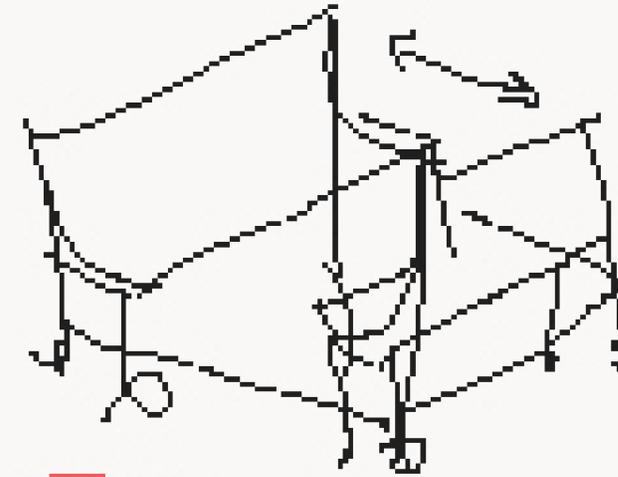
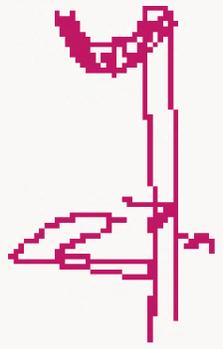


# FUNCTIONS



# FLEXIBLE LAYOUT





benches/ counter

stage / benches



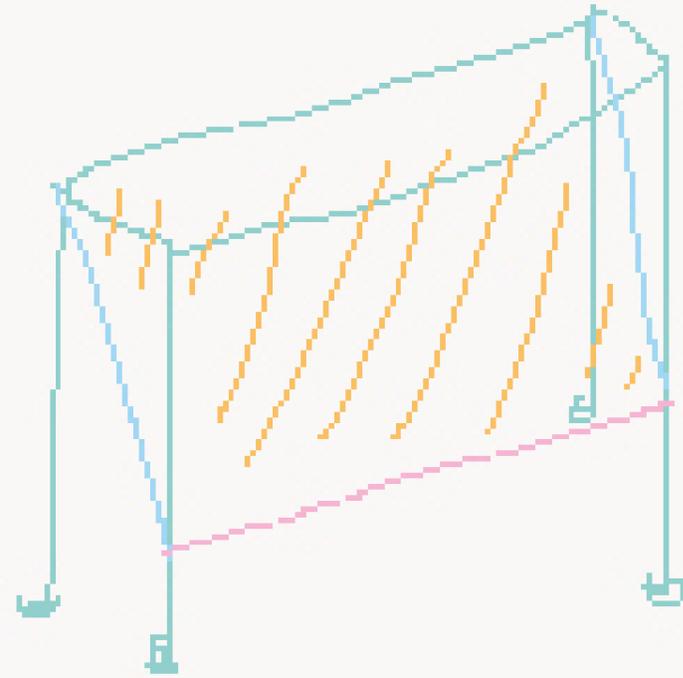
benches



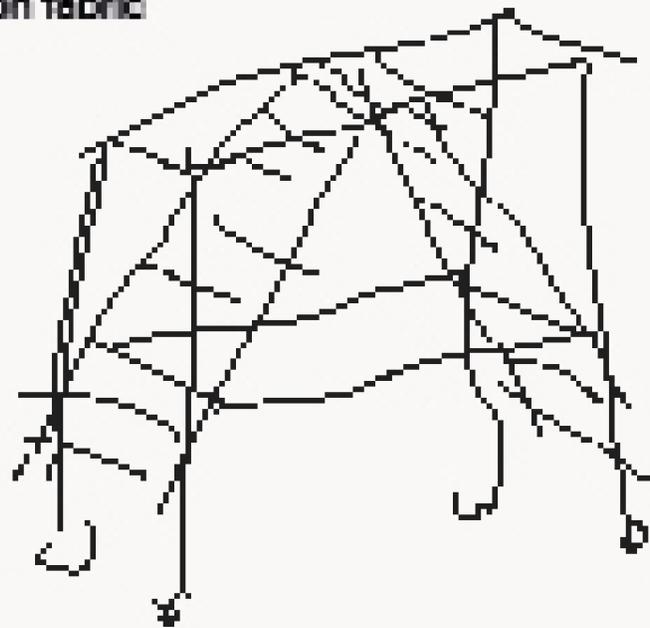
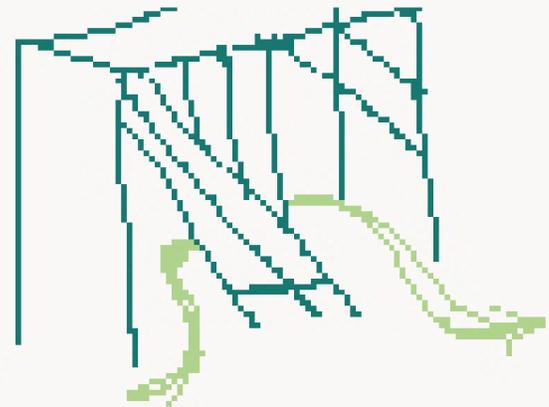
monkey bars  
2 heights (Short)



# BRAINSTORMING



projection fabric



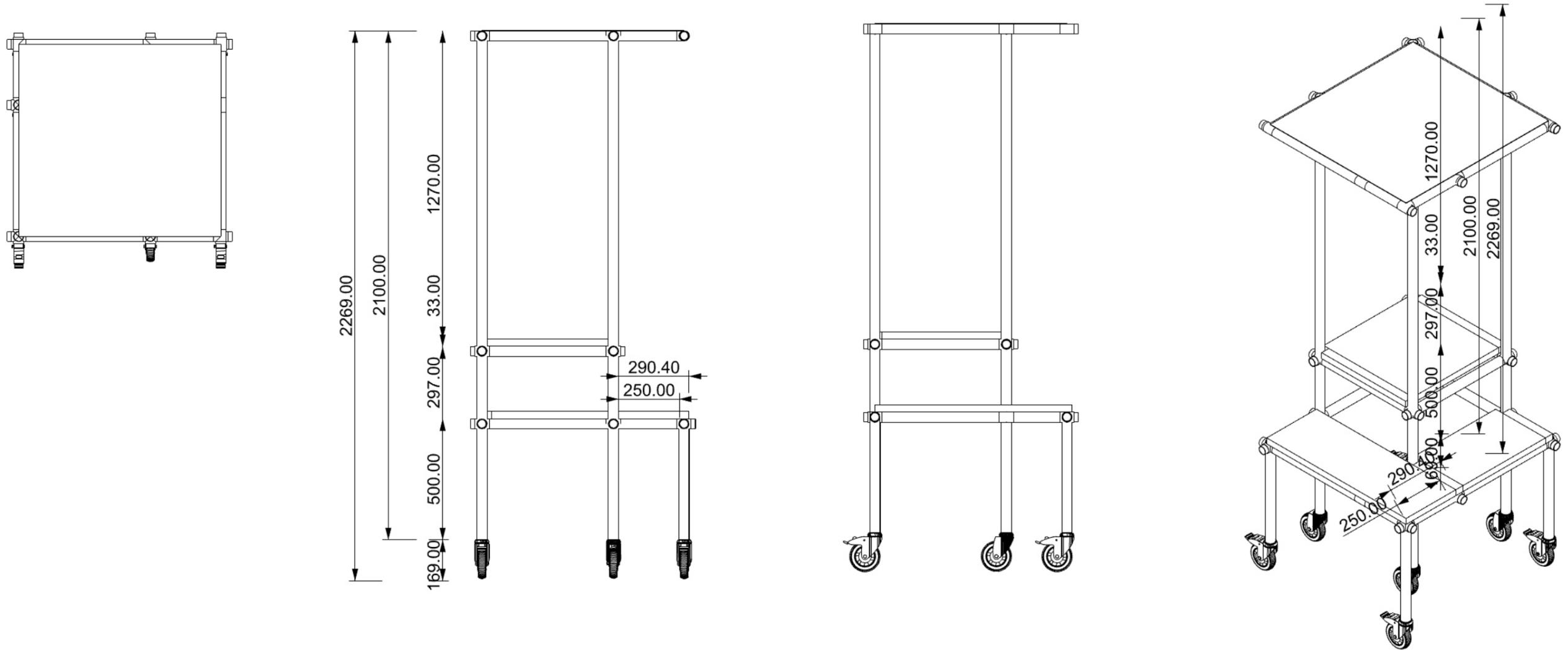
climbing (short so it doesn't flip)



obstacle course  
ropes in the middle?  
different shapes with scaffolding?

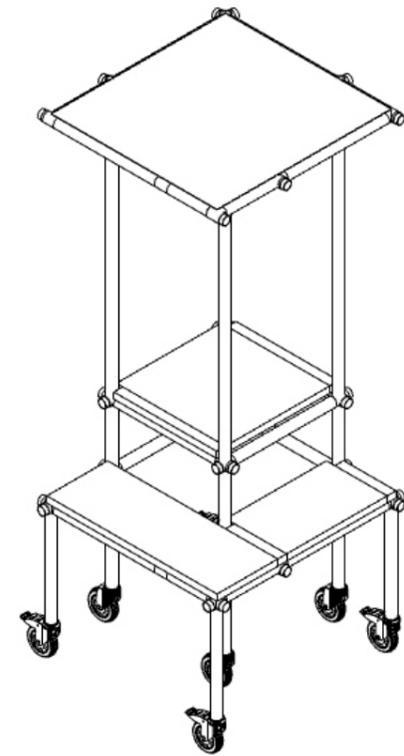
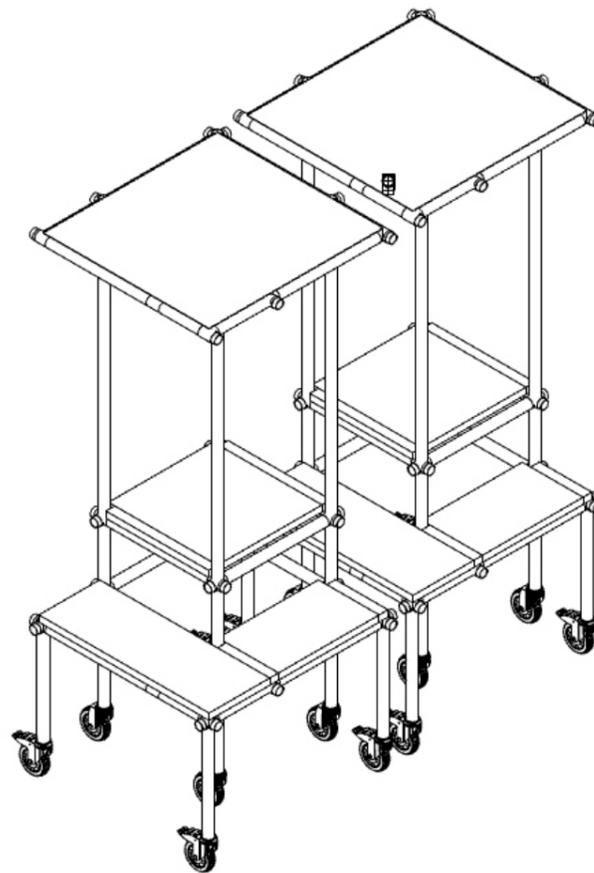
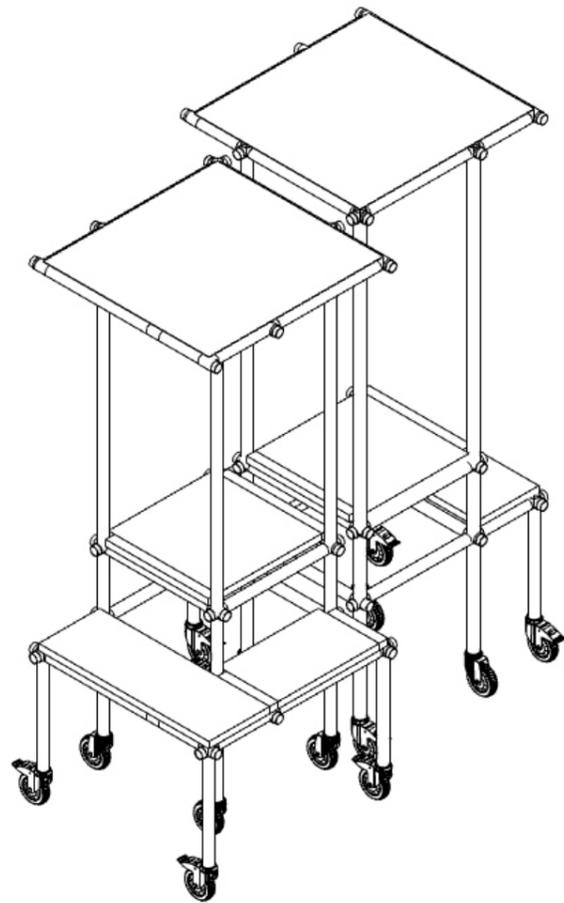
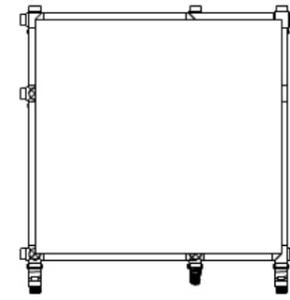
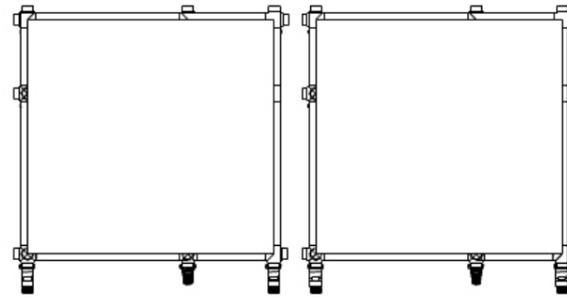
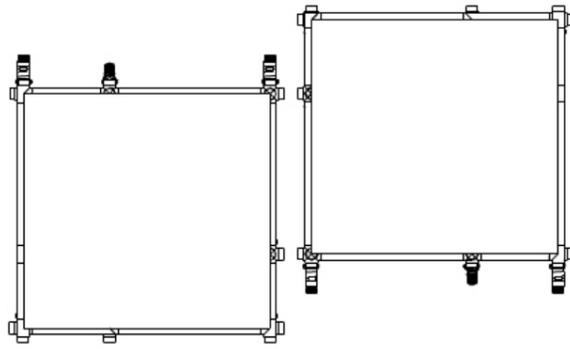
# MODULE 1 - DIMENSIONS

Bench + Counters



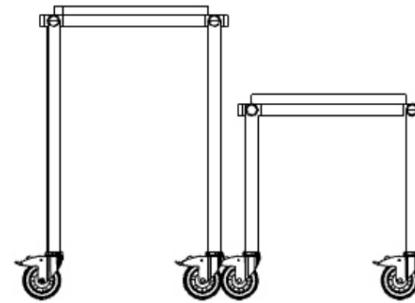
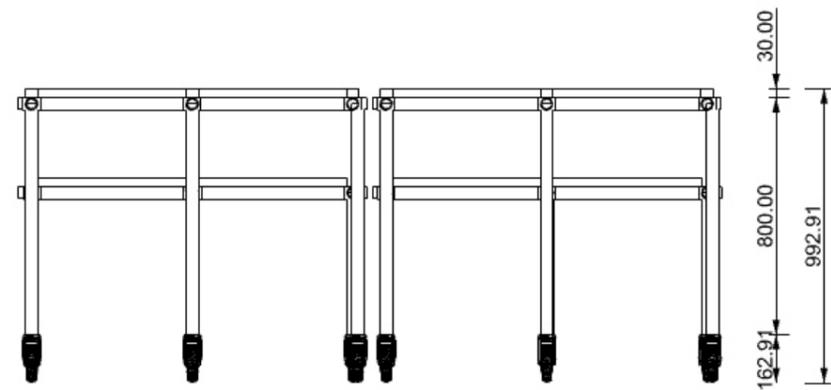
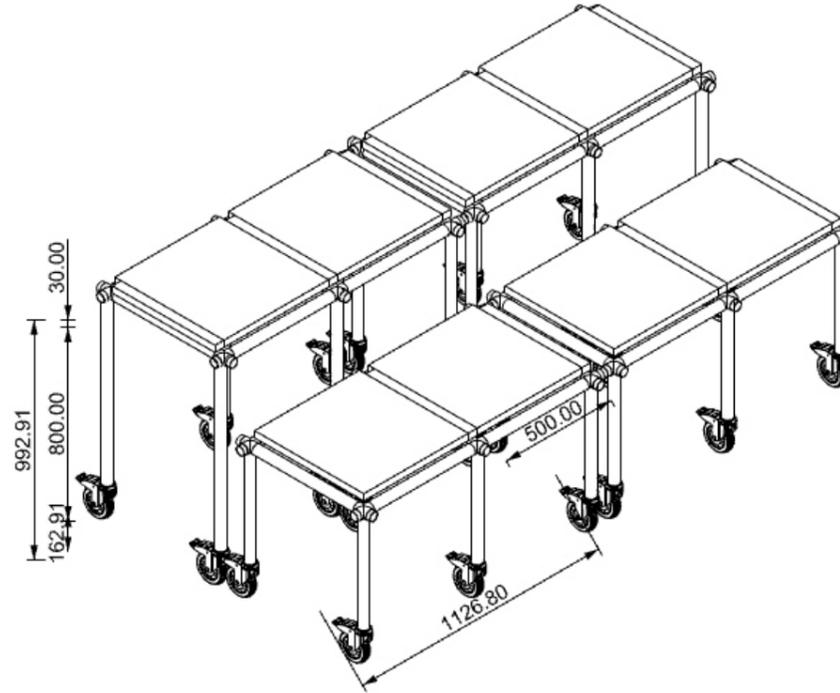
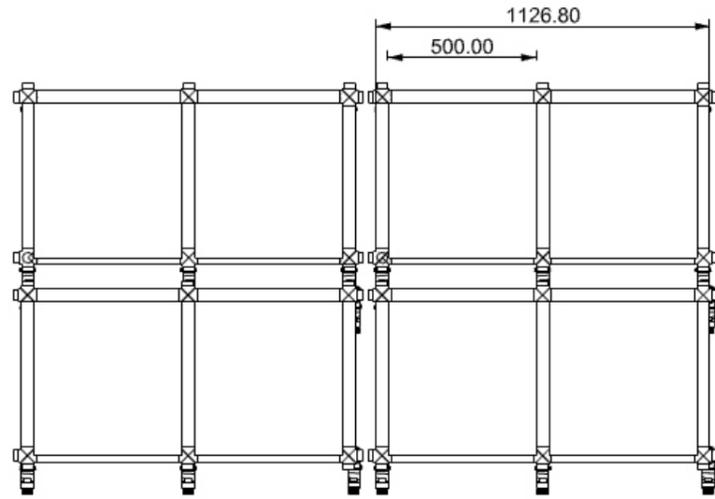
# MODULE 1 - LAYOUTS

Bench + Counters



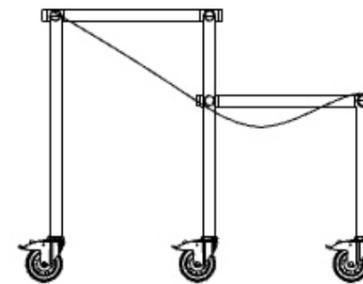
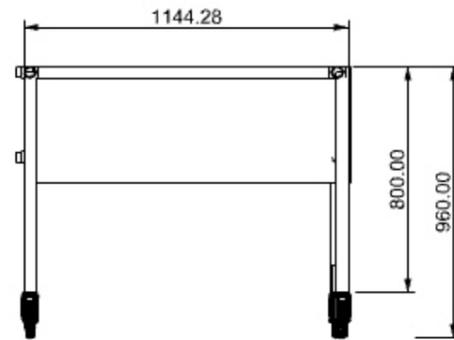
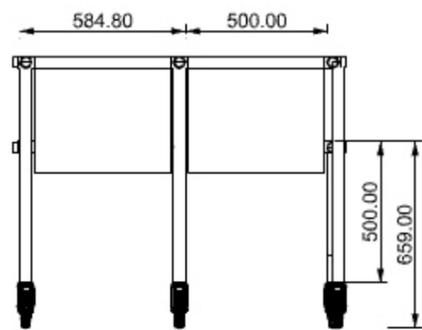
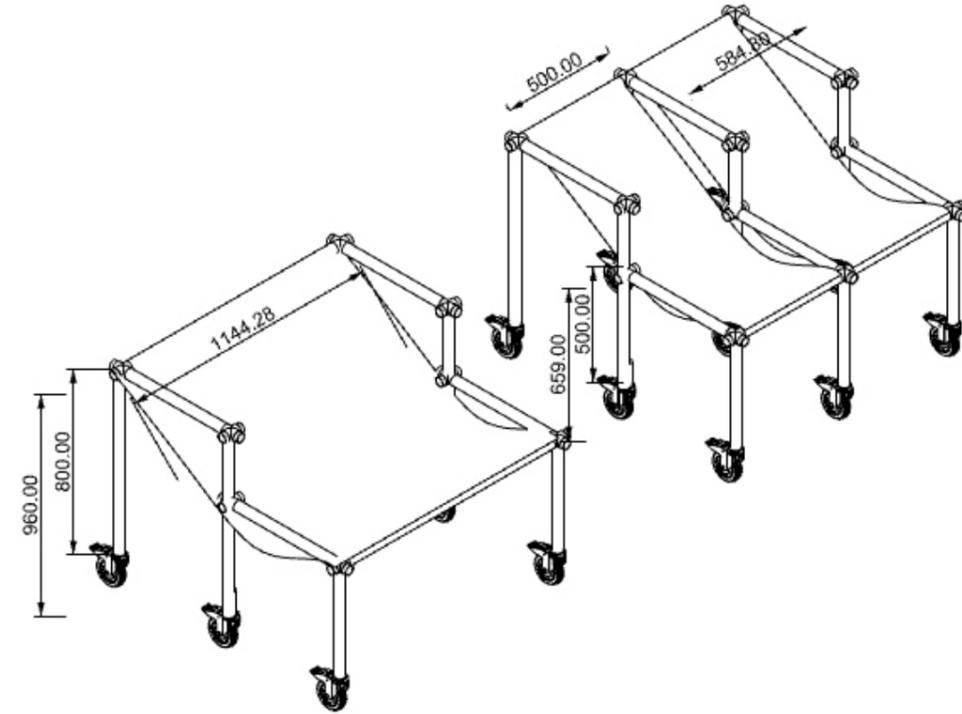
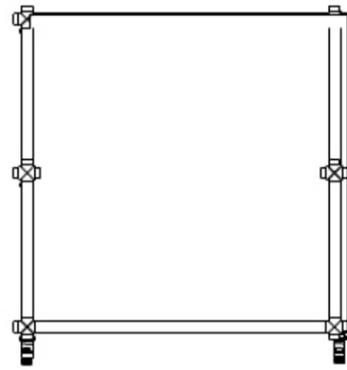
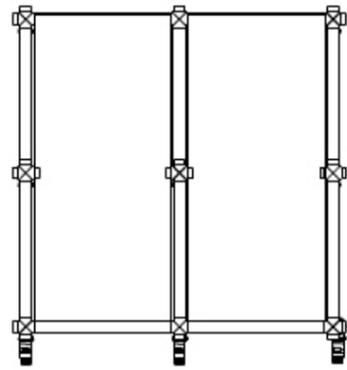
# MODULE 2 - DIMENSIONS

Bench / Stage



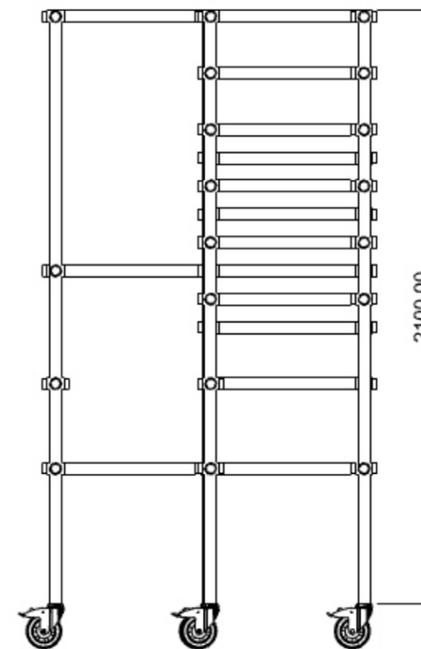
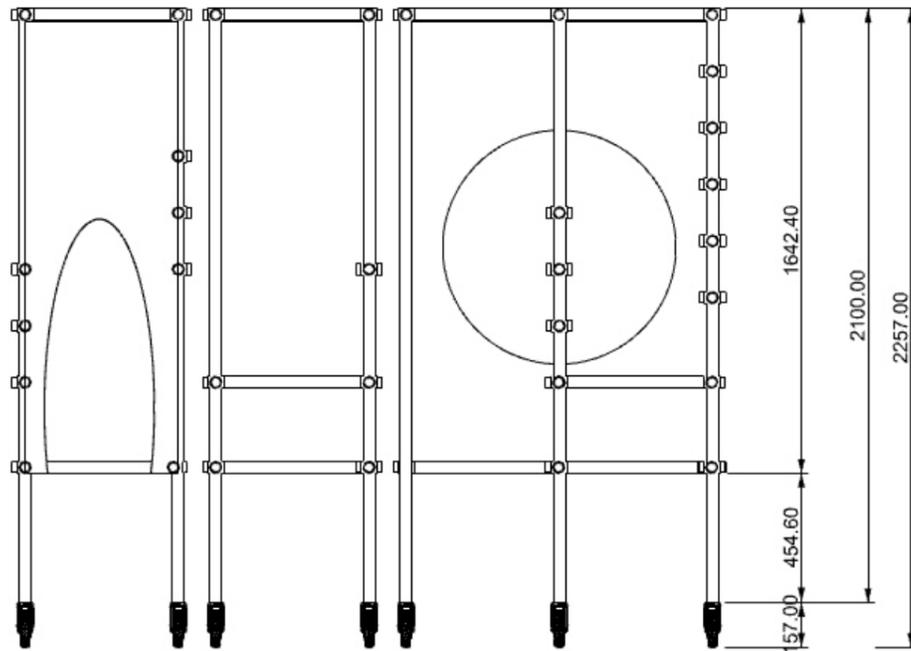
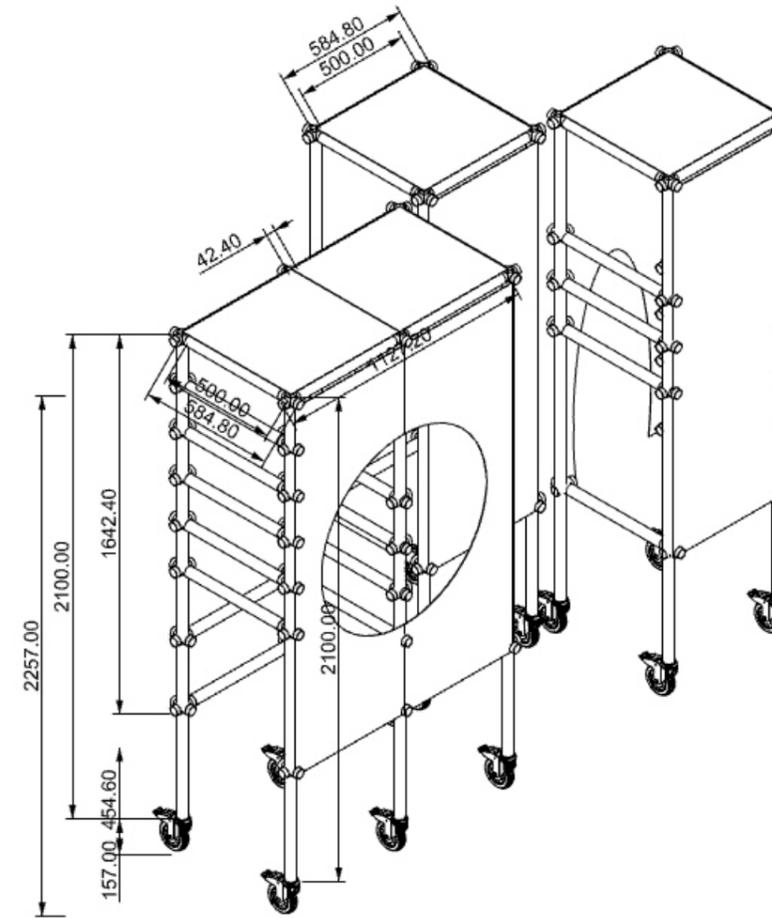
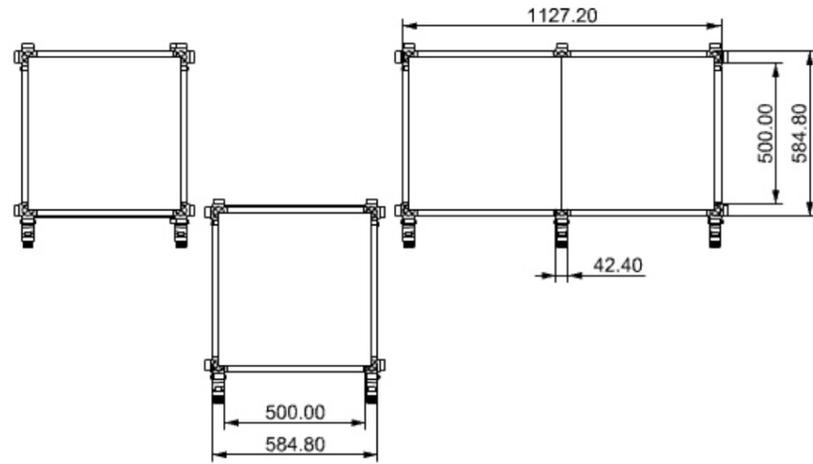
# MODULE 3 - DIMENSIONS

SEATS



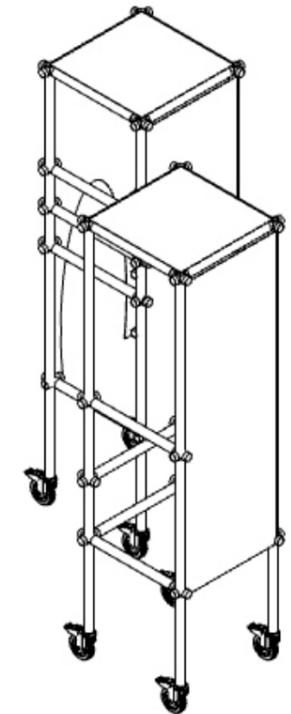
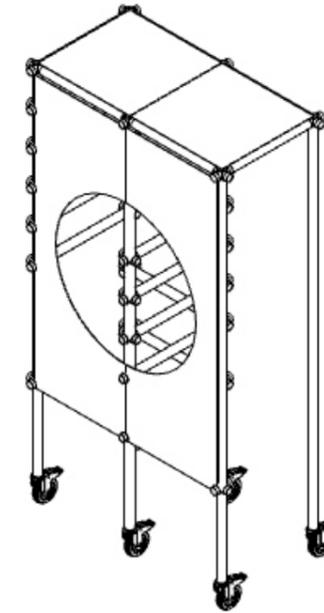
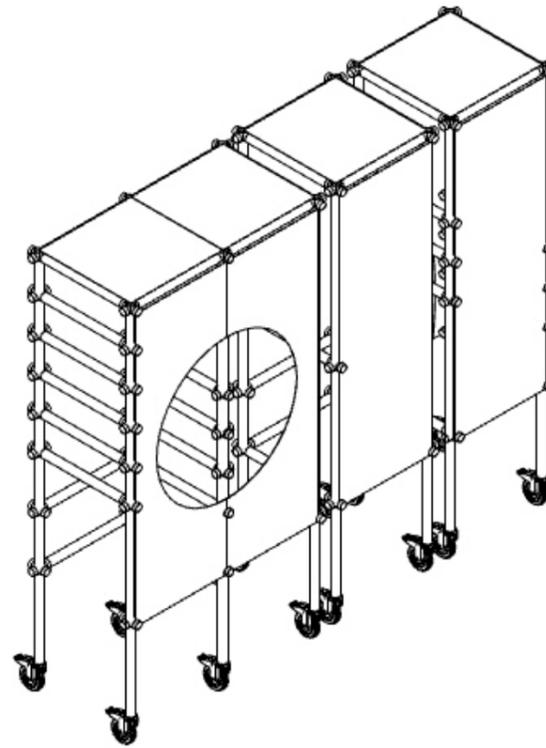
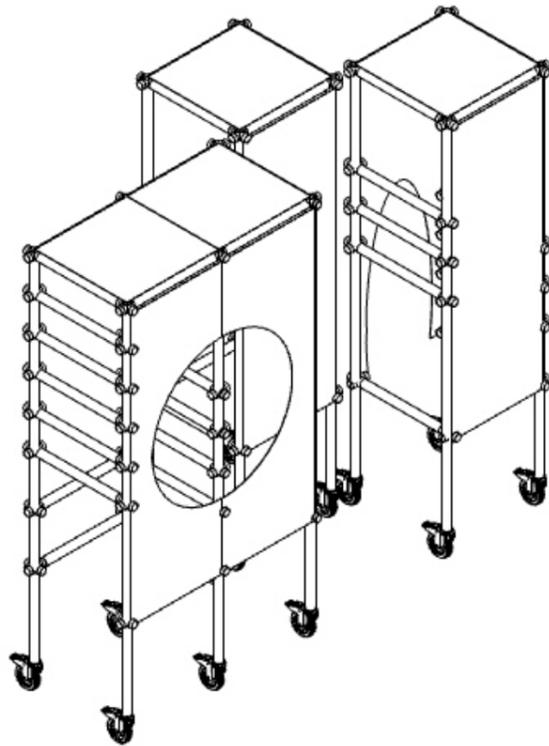
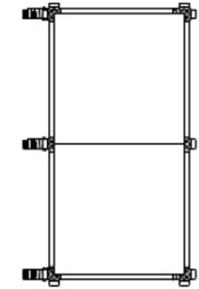
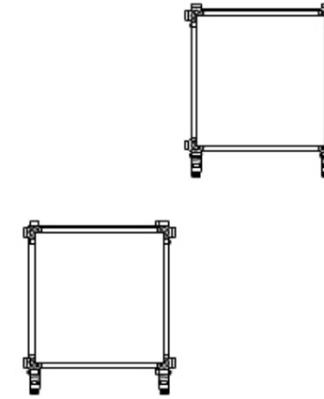
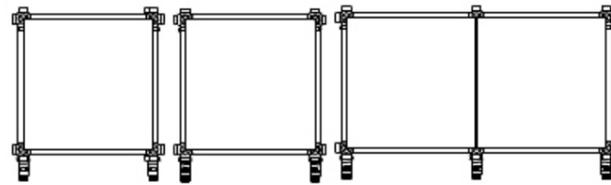
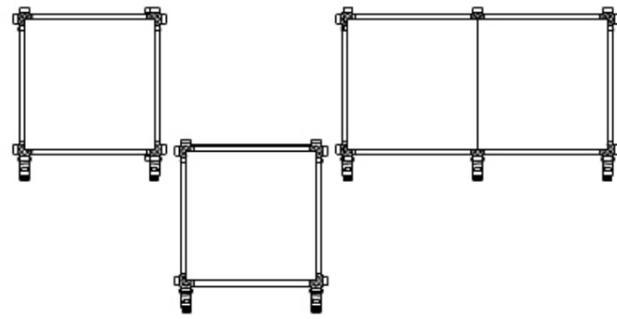
# MODULE 4 - DIMENSIONS

Obstacle Game + Projection Screen

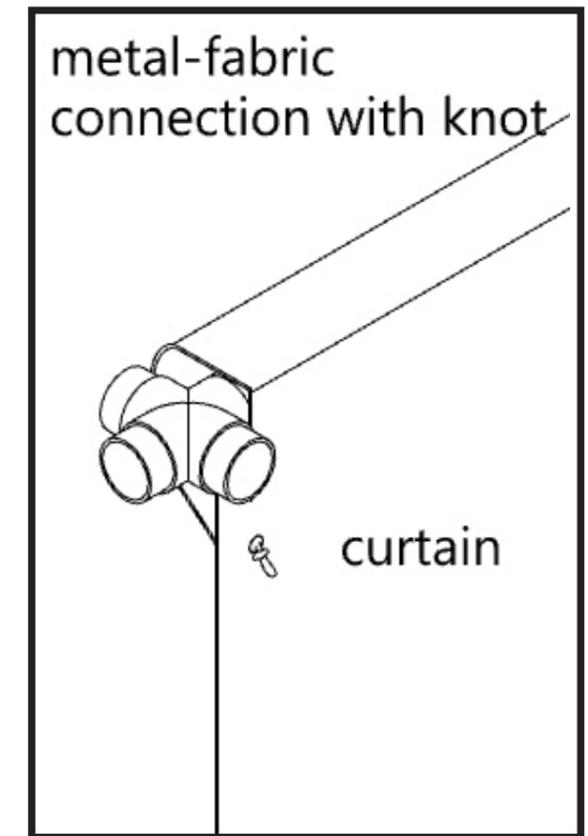
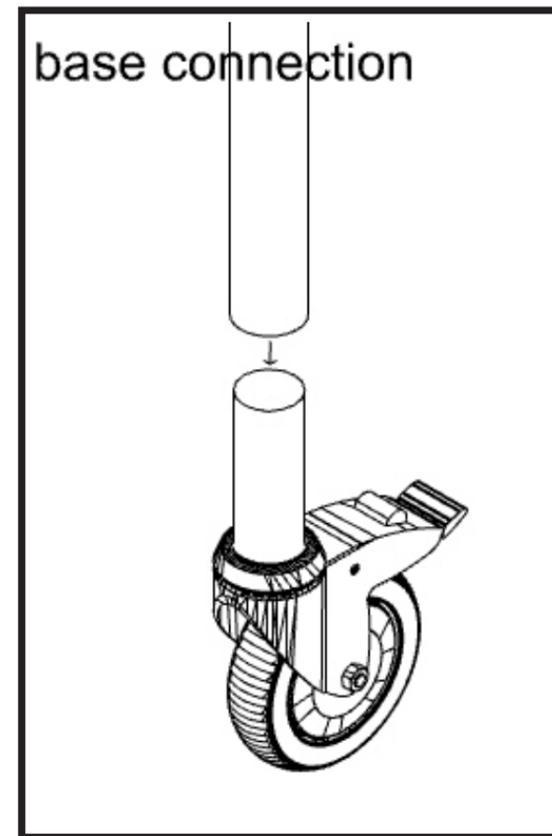
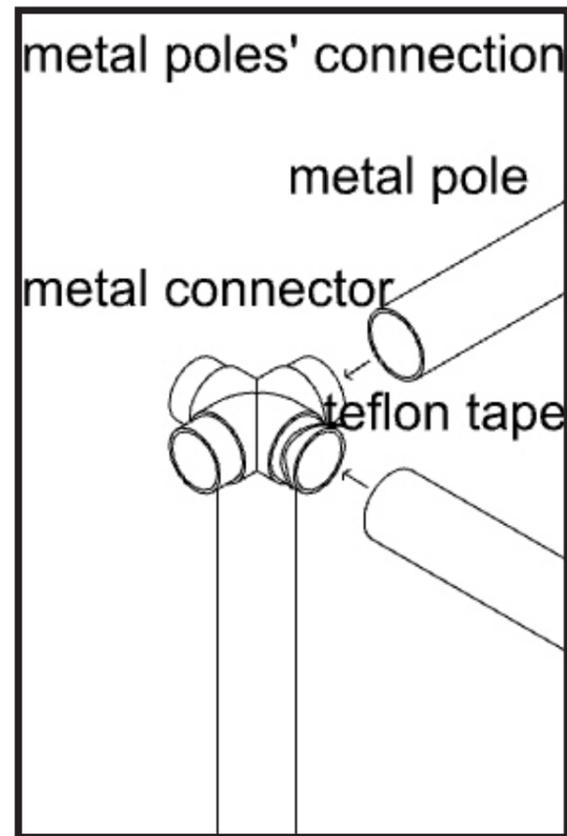
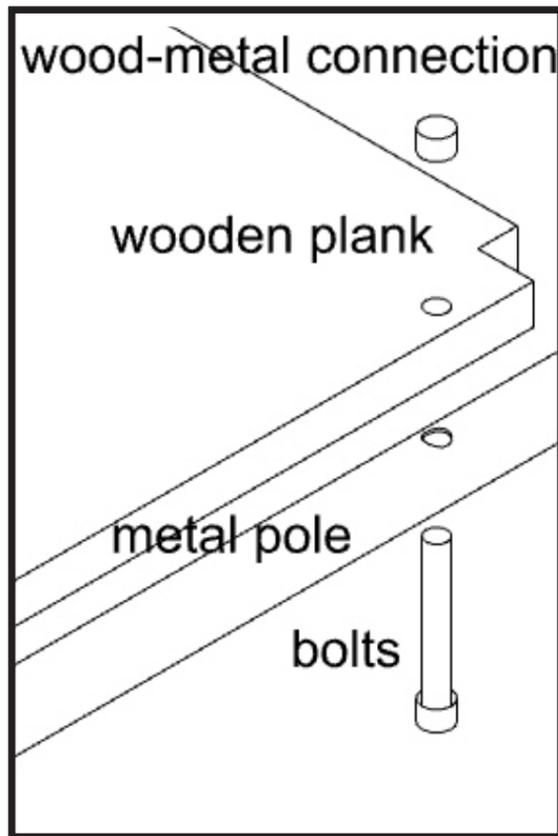


# MODULE 4 - LAYOUTS

Obstacle Game + Projection Screen



# CONSTRUCTION DETAILS



# TOOLS

Pliers	Handsaw (Wood)	Brushes
Wrenches	Circular Saw (Wood)	Ladder
Scissors (For Fabric)	Spirit Level	Gloves
Hacksaw (For Metal)	Electric Drill (+ Metal Drill Bits)	Glasses
Powered band saw or abrasive cut-off saw (For Metal)	Measuring Tape	Earmuffs
	Clamps	

# MATERIALS

- Fabric Semi-Transparent/Fabric Non-Transparent <https://www.leroymerlin.it/prodotti/tnt-rosso-tessuto-non-tessuto-100-polipropilene-altezza-rotolo-160cm-70g-mq-taglio-al-metro-lineare-88835280.html> 2 euros, x 20m, 40 euros
- Screws (for Metal + Wood)
- Metal poles (Scaffolding) <https://www.tecnomat.it/it/tubo-inox-316-42-4x2-0x3000-mm-10046704/> 79.9 euro x 30 = 2400
- Scaffoldingconnectors(+)Shape<https://www.tecnomat.it/it/raccordo-doppia-t-in-acciaio-inox-316-10030344/>19eurox40=760  
<https://www.tecnomat.it/it/raccordo-3-vie-ad-angolo-inox-316-10030343/> 10.9 euro x 30 = 327
- Plywood 3mm <https://www.leroymerlin.it/prodotti/pannello-compensato-pioppo-sp-3-mm-x-l-150-x-90-cm-82707658.html> 29,17 euros x 4, 116.68 euros
- Varnish <https://www.leroymerlin.it/prodotti/flatting-a-con-solvente-per-legno-trasparente-incolore-lucido-0-75-lt-3-anni-di-protezione-34215615.html>, 9,99 euros x 3, 29.97 euros
- Duct Tape <https://www.leroymerlin.it/prodotti/nastro-americano-telato-nero-tesa-duct-tape-basic-mm-50-x-25-metri-83631198.html> 3,77 euros x 2, 7.54 euros
- Teflon Tape <https://www.leroymerlin.it/prodotti/nastro-teflon-politetrafluoroetilene-ptfe-teflon-facot-nastro-ptfe-prof-h-19mmx12-m-sp-0-2mm-0-019-x-12-x-sp-0-2-mm-34221866.html> 2,50 euros x 4, 10 euros

Total Cost  
= 3691,19 euro

## **TIER 3: LARGE CONSTRUCTION (2,000 - 4,000 EUR)**

# **SITE RESPONSE**

The centre of a city is traditionally where the community is meant to converge and thrive. However, in Collegentilesco, it has become a drought of social interaction. This workshop intends to honour the once lively centre of this town by bringing fun activities that engage the residents and visitors of all ages. We hope to create structures that are enjoyable and adaptable, allowing fun moments to be reintroduced to Collegentilesco, even while it changes, rebuilds, and hopefully grows. To the families that do return, it could serve as an attraction that holds the community together, a playful activity for the kids and a place to rest for the elderly.

# **METHODOLOGY**

For this workshop, we plan on understanding the history of the site, the activities that used to take place in these space from first-hand accounts from the current (or previous) residents and the caretaker. We also would like to engage in participatory design practices, such as co-creation workshops with the participants to understand their needs and desires of the space. These activities and desires will then be turned into design prompts for the participants to address. Participants will be split into sub-teams, where each team will be working on a module for a different function with specific criteria to ensure the modularity,



# **PEDAGOGICAL ASPECTS**

Our role as tutors will be to facilitate the workshop, while still having a hands-on approach. First and foremost, it is our responsibility to ensure that the workshop is executed in a timely and safe manner. It is also important to us to ensure that all participants get the same experience of trying new techniques and implementing their own voice and design vision into the project. Therefore, participants will be able to make changes or additions to the proposed designs through design sessions at the beginning of the workshop. This will be intended to help them get to know each other and get their creativity flowing.

Participants will then be split into sub-teams (ex: 5 teams of 2), where each team will be working with specific criteria to ensure the modularity, but will be designing a module for a different function. In the end, the different modules will be arranged and configured in different ways, providing residents with a different experience each time. The modularity will also make it easy to assemble and disassemble the structure, which will be necessary due to the changes that the town is going through.

# **NUMBER OF PARTICIPANTS**

min. 10 - max. 12

5 Teams of 2 = 10 people (based on the number of structures - 2 people per structure)



## **8-DAY TIMELINE**

1. First day Site Visit
2. Co-Creation Session: Talk to potential residents, experience the space, brainstorm with participants - experiences, expectations, desires for the use of the space.
3. Finalise designs and create cut sheets based on grid and criteria.
4. Split into sub-teams.
5. Each team will begin measuring and collecting materials for their module.
6. Start cutting materials for 1st module
7. Continue.
8. Assemble first models. Test on site (Leave at location)
9. Measure and cut materials for the other modules.
10. Start moving things to location, start assembling altogether (No more sub-teams)
11. On-Site Assembly
12. On-Site Assembly

## **FIRST DAY**

The first day of a workshop can be a bit awkward at first, which is why we would start with a warm-up exercise to make sure everyone starts feeling more comfortable. We can then move into doing a design activity to start seeing how their different backgrounds, skills, and experiences work together to conceive an idea. They will work together in sub-groups to finalise the function of each module, in order to allow them to add their design vision to the project as well.

## **SITE VISIT + STORAGE**

We need a storage space for the fabrics and the machinery during the building phase.

2 site visits at the beginning (visit + measure space), 3rd for setup

- build at base camp (1 module to prepare) + cut everything
- assemble them at the site

# AFTERLIFE

The project is designed to be used ephemerally in exhibitions, festivals, community gatherings, and other events, however, the chosen materials are able to withstand harsh weather conditions. The nature of the scaffolding structures allow it to be sturdy, movable, and resistant to the weather. It can easily be moved and disassembled and then stored in a small storage for when it is not used. If the structure is being left out for longer periods of time, parts that are more susceptible to damage, such as small movable wooden seating additions, can be easily stored away when it is not being actively used.

The ease of disassembly will also allow residents to rearranged them in different configurations based on their desires and needs. The different modules are designed in a grid configurations allowing them to be arranged in different combinations for various events. This design is meant to change and adapt not only to the harsh weather conditions that Amatrice faces, but also the changes it goes through as people return and rebuilt. Its resilience and adaptability can be seen as a reflection of Amatrice and its people. The project is designed to be used ephemerally in exhibitions, festivals, community gatherings, and other events, however, the chosen materials are able to withstand harsh weather conditions. The nature of the scaffolding structures allow it to be sturdy, movable, and resistant to the weather. It can easily be moved and disassembled and then stored in a small storage for when it is not used. If the structure is being left out for longer periods of time, parts that are more susceptible to damage, such as small movable wooden seating additions, can be easily stored away when it is not being actively used.

The ease of disassembly will also allow residents to rearranged them in different configurations based on their desires and needs. The different modules are designed in a grid configurations allowing them to be arranged in different combinations for various events. This design is meant to change and adapt not only to the harsh weather conditions that Amatrice faces, but also the changes it goes through as people return and rebuilt. Its resilience and adaptability can be seen as a reflection of Amatrice and its people.

