

MANCHESTER SCHOOL OF ARCHITECTURE

SPACE INVADER

COLLABORATOR:

Pendle Borough Council
Building Bridges Pendle

TEAM MEMBERS:

Afrah Bathsha
George Leon Cosbuc
Siyuan Lin
Taha Aldibani
Yan Zhu
Zhao Ma

AGENDA

Our team is made up of people from all over the world from different continents. Our different cultural backgrounds come together to make up for a lively and engaging work environment; we come from different places but share the same passion to explore architecture.

The project located in the town of Nelson, Lancashire aims to reinterpret the existing city centre and provide new public spaces for leisure and crafting workshops for the local community. These interventions will offer opportunities for the locals to learn trades in a hands-on environment. In turn the goods produced in these workshops will decorate the city of Nelson. This will create work and business opportunities for the locals and more engaging public spaces where the inhabitants get to impact their surroundings in a direct manner.

Visit msa.ac.uk for more information



MSA LIVE 23

Agenda

Team

<George Cosbuc> (MArch 01)

<Taha Aldibani> (MArch 01)

<Afra Bathsha> (MArch 01)

<Siyuan Lin> (MArch 01)

<Yan Zhu> (MArch 01)

<Zhao Ma> (MArch 01)

<Rana Pauliana Budianta> (BA 01)

<James Baker> (BA 01)

<Ke Han Oh> (BA 01)

<Regina Anna Jedrzejek> (BA 01)

<Fanta Dembele> (BA 01)

<Kerryn Arianne Karishma Peters> (BA 02)

<Virginia Italia> (BA 02)

<Anita Luburic> (BA 02)

<Oliver Chard> (BA 02)

Partners

Our partners for the MSA Live 21 are IN-SITU art organisation established in 2012, its aim is to improve the environment, people, place and culture of Pendle, Pendle borough council and building bridges Pendle, which is a charity organisations that was first ran in the 1980's by a group of volunteers, today they are a company limited by guarantee and charity. Their aim is to enhance community relations and cohesion.

Our partners have been involved in a set of different projects in the town of Nelson to enhance the living and liveability of the town. They are constantly working along with the residents to ensure this.

The external partners get the residents involved to identify the main issues that the town encounters, such as anti-social behaviour, low skills, unused spaces and dissected community.

We have been working closely with all of them to ensure that the issues of segregation can be resolved with sensible and effective solutions and depict a new vision of the town to improve its unconnected and deprived areas.

RE - PURPOSING NELSON

Space Invaders will closely work with In Situ an art organisation, Pendle borough council and Pendle building bridges in Pendle Lancashire to reinterpret the existing town centre and provide new public spaces in the town of Nelson, Lancashire.

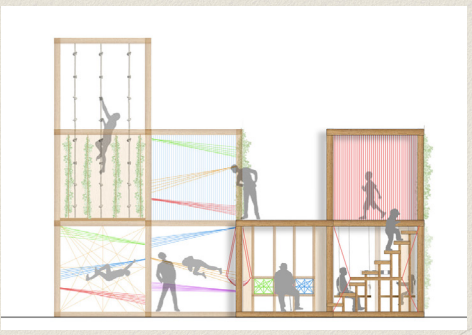
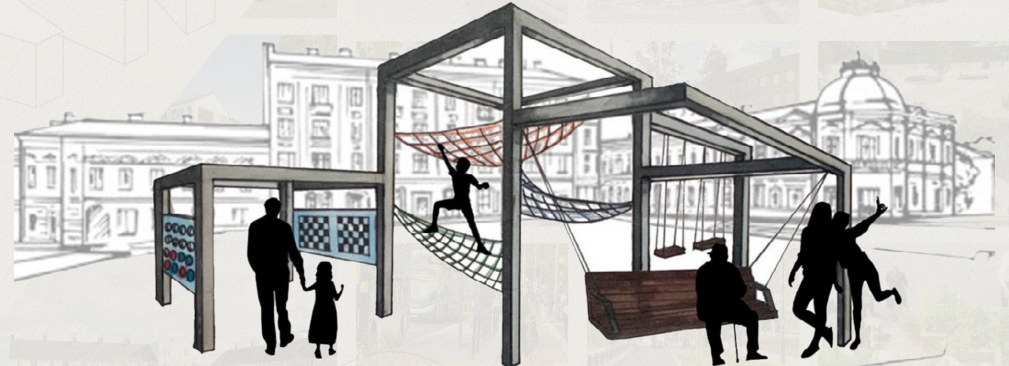
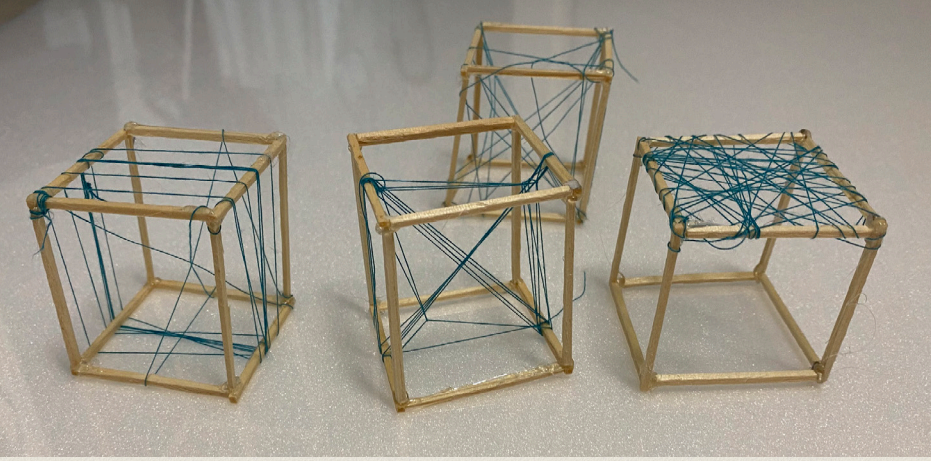
Through workshops aimed at producing temporary structures the three interventions designed by Space Invaders offer opportunities of entertainment and community engagement that decorate and liven the town of Nelson.

In this project we aim to create a more attractive public spaces in Nelson's town centre. Our intervention will encompass temporary structures that can be adapted based on the different needs and desires of the town. These structures will serve as a catalyst for both social and economic activities.

Through their adaptability we aim to offer opportunities for leisure and economic development such as outdoor public seating, market stalls and other activities that arise from the everyday. We are also aware that the town of Nelson has a diverse community, with a mix of different cultures and faiths. Therefore, our proposal will aim to include every segment of the community and not neglect the people of Nelson.

The temporary structures aim to embody the rich diversity of the town and its different activities. Our design will not only help the residents of Nelson, but it will create a landmark for the town to identify with.

Our environmental intervention will create a safe environment for the local community, and we achieve this by using locally sourced building materials and involving the locals in the design and building process. Overall, our proposal aims to breathe new life in the town centre and forge stronger relationship within Nelson's diverse community.

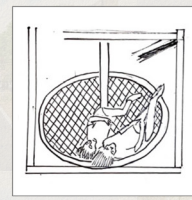
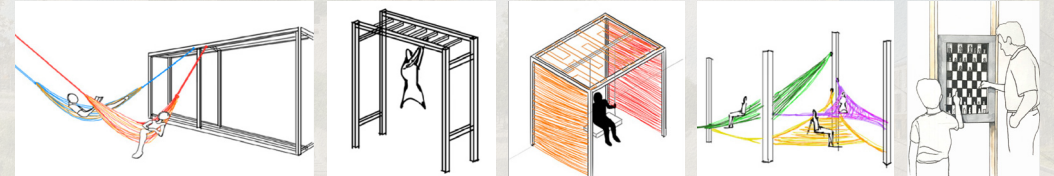


We are providing optimistic and playful ways to create an interactive facility which will help merge this generation gap and aid Nelson to become an ideal place for those living in it. With a steady incline of anti-social behaviour, placing this installation in Nelson would serve as a place of gathering and entertainment to encourage children to go outside and play. Playing in the park with your grandparents and being taught new games or being pushed on the swings would benefit the mental health of both generations.

MERGING THE GAP

Anita Luburic, Ke Han Oh, Oliver Chard

We are stuck at a crossroad facing an accelerating rise in antisocial behaviour, minimal access to interactive facilities and a lack of equal opportunities for all. Nelson is currently overwhelmed by these factors which are causing its inhabitants to move away and seek greater opportunities in larger cities. This project explores ways which will help accommodate the needs of the older generation that feels isolated and is lacking emotional fulfilment that comes along with intergenerational bonding. We are also targeting the younger generation who will benefit from surrounding themselves with those who are older than them and those who are able to teach them the life skills they will not be able to learn by staring into their smartphones.



swing nest made of



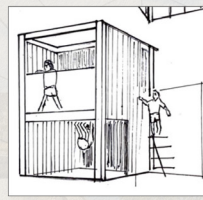
reused tyres attached



thick rope used as a swing



thick rope used as a swing



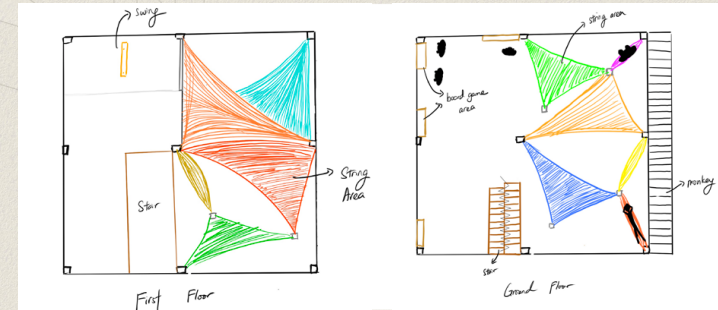
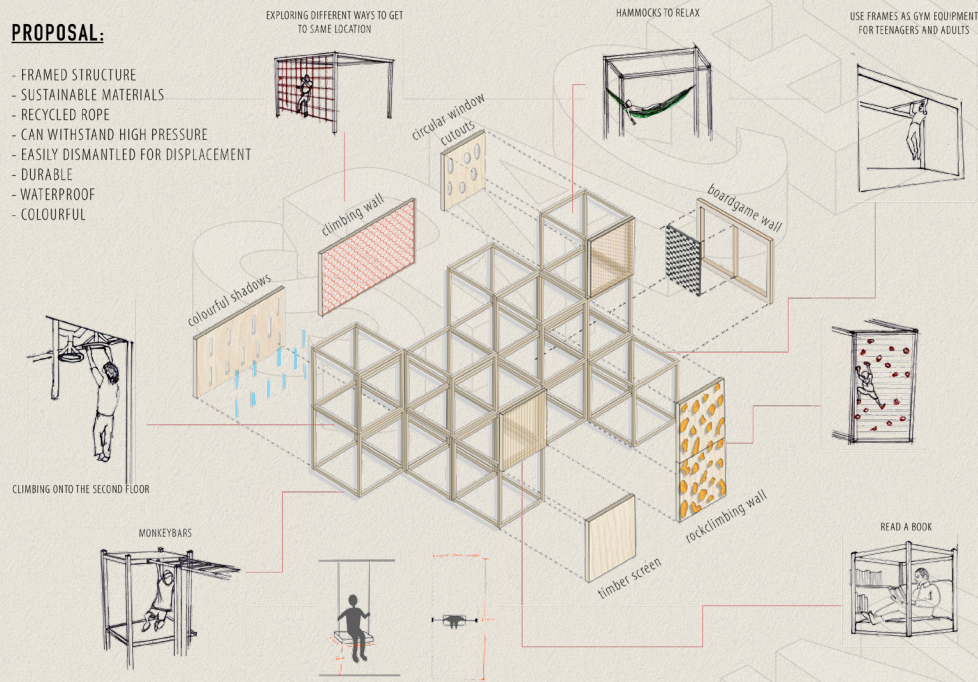
climb, swing, observe

www.nelsontowndeal.co.uk

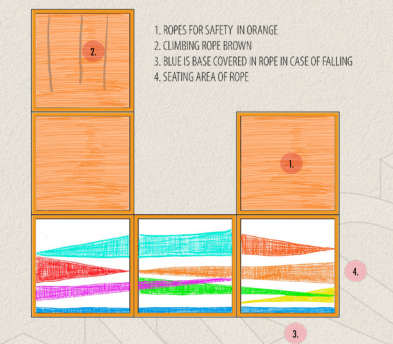
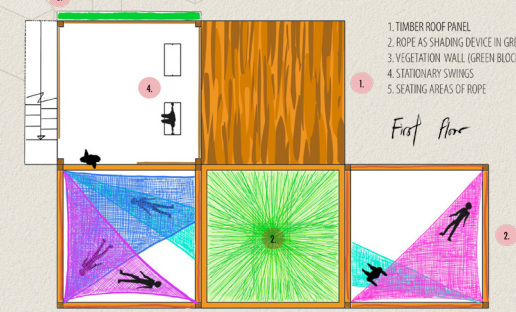
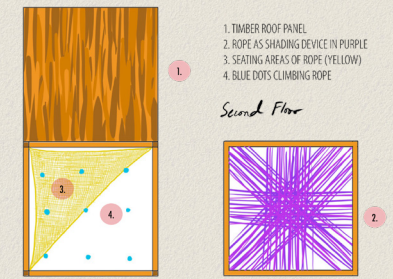
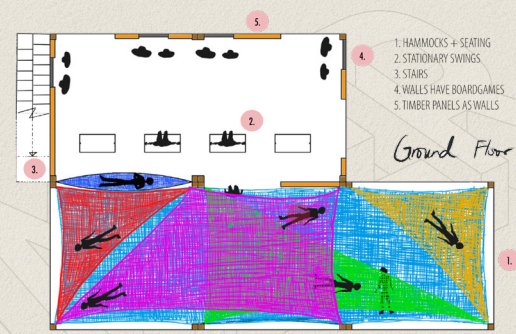


PROPOSAL:

- FRAMED STRUCTURE
- SUSTAINABLE MATERIALS
- RECYCLED ROPE
- CAN WITHSTAND HIGH PRESSURE
- EASILY DISMANTLED FOR DISPLACEMENT
- DURABLE
- WATERPROOF
- COLOURFUL

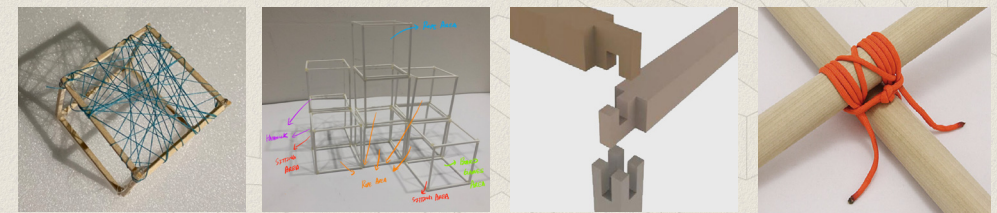
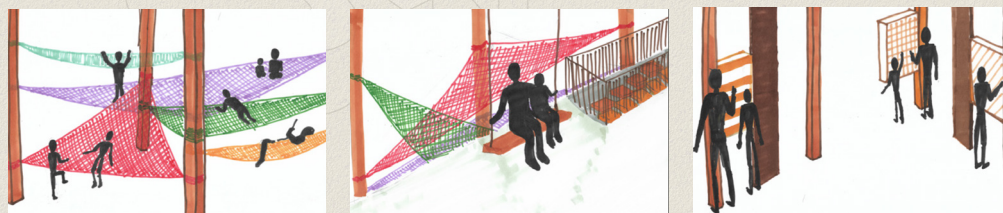


The structure uses string and timber to create a series of outdoor 'rooms' that cater to both the youth and the older generations through board games, physical activities and spaces to play and gather.



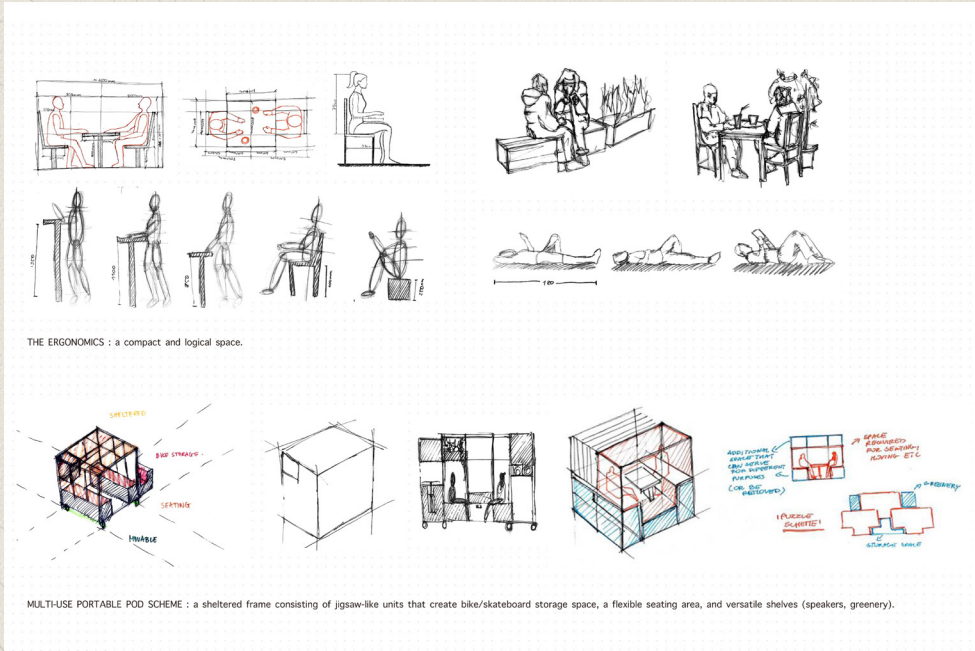
Forming communities

The structure is designed to give Nelson's residents the opportunities to discover and play with various activities. Everyone should be able to enjoy it no matter the age, size or physical capability. It caters to all. It is important for children to build a strong social connection with their families. This design would attract many families to spend some time outside away from technology to relax while children, parents and grandparents are playing. Merging the age gaps is what these different activities will try to achieve.



https://www.in-situ.org.uk/

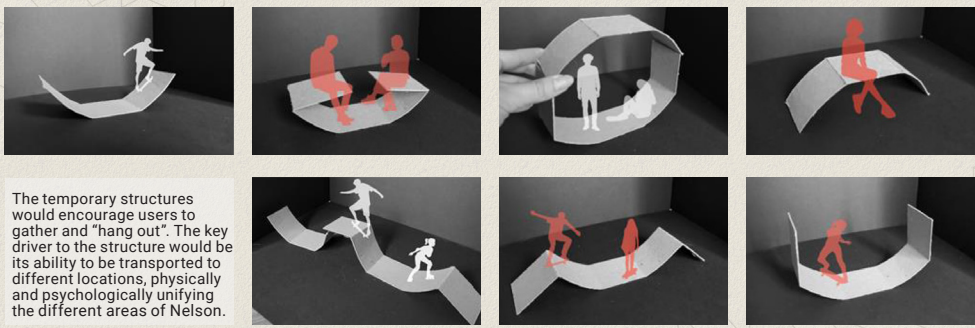
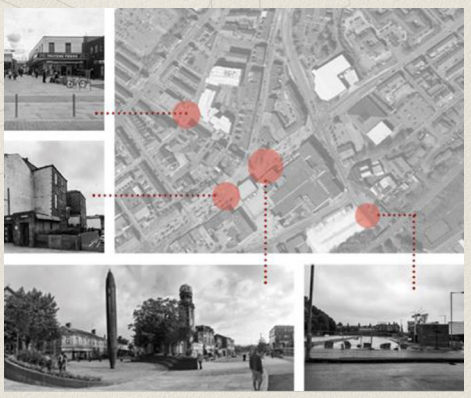
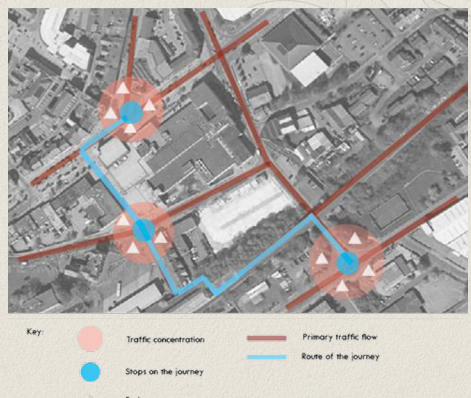
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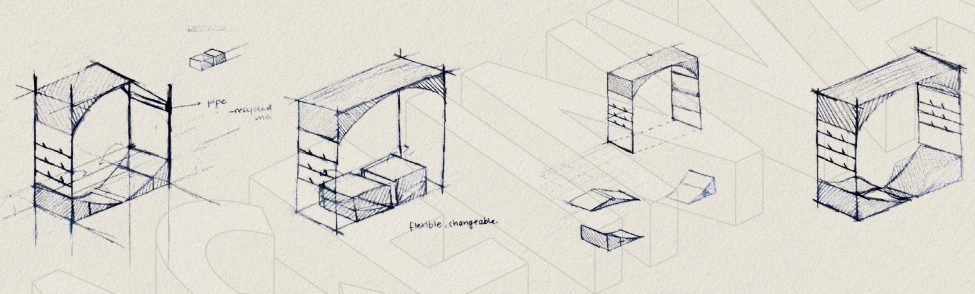
JIGSAW SKATE PODS

Virginia Italia, Regina Anna Jedrzejek, Fanta Dembele

The town of Nelson in Lancashire, England appears to have lost its identity and purpose, with both travellers and locals reaching different destinations and overlooking the spatial potential that is right in front of them. Appealing to the community and regenerating the town as a destination rather than a fleeting element was key in developing the proposal.



The temporary structures would encourage users to gather and "hang out". The key driver to the structure would be its ability to be transported to different locations, physically and psychologically unifying the different areas of Nelson.

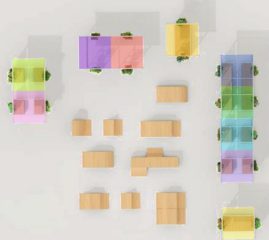


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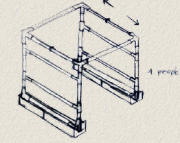
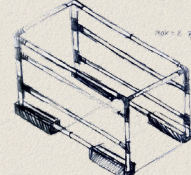
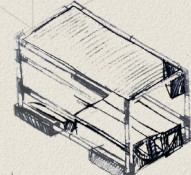
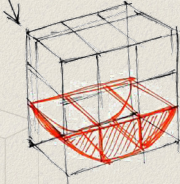
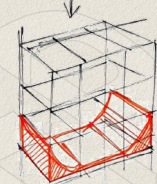
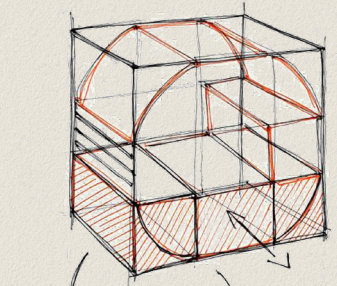
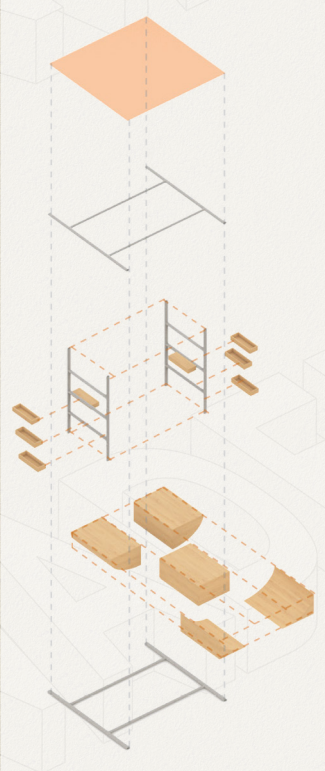
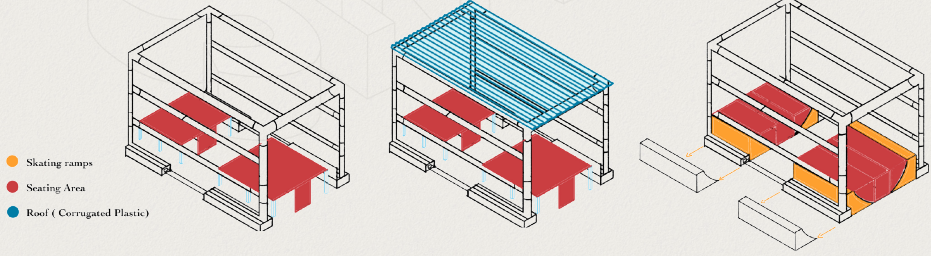
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- encouraging social behaviour
- multi-functional nature: seating/ gathering and skatepark
- appealing to entire community
- creating a destination and social space
- stimulating activities



Forming an attractive, lively, and interactive environment would be a step towards the salvation of Nelson's architecture and people. To achieve this, our proposal seeks to encourage social behaviour by offering means of gathering and interaction. The jigsaw-inspired space would create seating, standing, and meeting space while playfully combining the elements of a skatepark, a feature largely desired by the town's residents. Pieces fit together like a puzzle, but in dismantling them one can form their own personal space while also having the option to use those same forms as a skatepark.



Using the forms of the elements in a skatepark to develop pieces that in a jigsaw manner would form a 'pod-like' structure. The pieces are versatile in their use: for example, the ramps used for the skatepark could form a seating area.

While these pieces have been designed with a specific purpose in mind the user is given the freedom to alter the space for a multitude of activities.

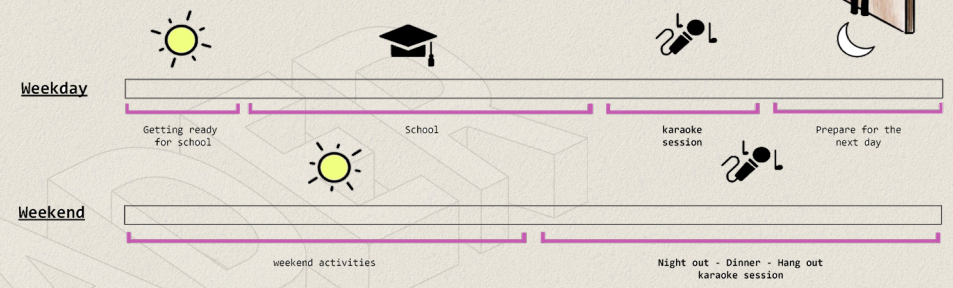
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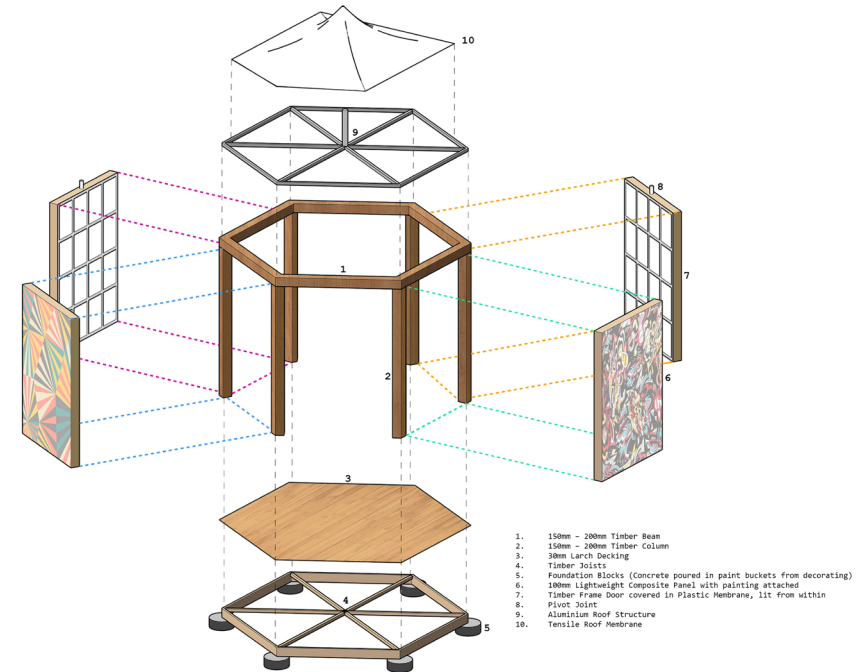
Benches in a square-layout pod feels too linear, not encouraging interactions. but hexagon shape solves this issue creating more dynamic spatial relationships. Semi-private pods throughout the city (2-3 pods initially) with colourful LED lights to draw people in. Semi-private for comfortable, safe internal environment free of embarrassment, and also for physical safety reasons. Technology can also be incorporated to connect phones with karaoke apps.



KARAOKE PODS

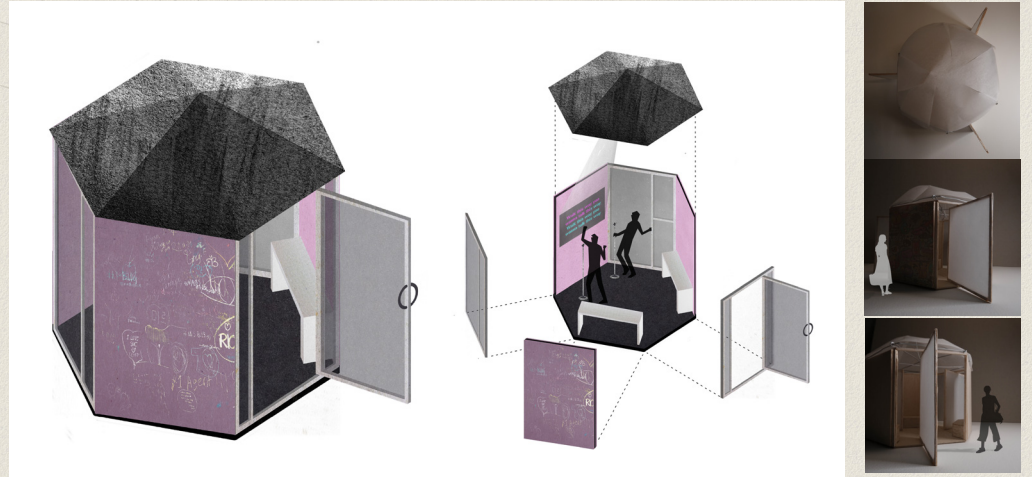
Kerryn Arianne Karishma Peters, James Baker, Rana Pauliana Budianta

Our proposal proposes the creation of a pop-up karaoke booth to breathe life into the nights of Nelson and provide a mixed-use public shelter during the day. This space will be built by the people of Nelson, decorated by its schoolkids and used by the whole community. The community can be engaged in the construction process with youths/students can contribute towards the city's arts by painting the walls of the pods.

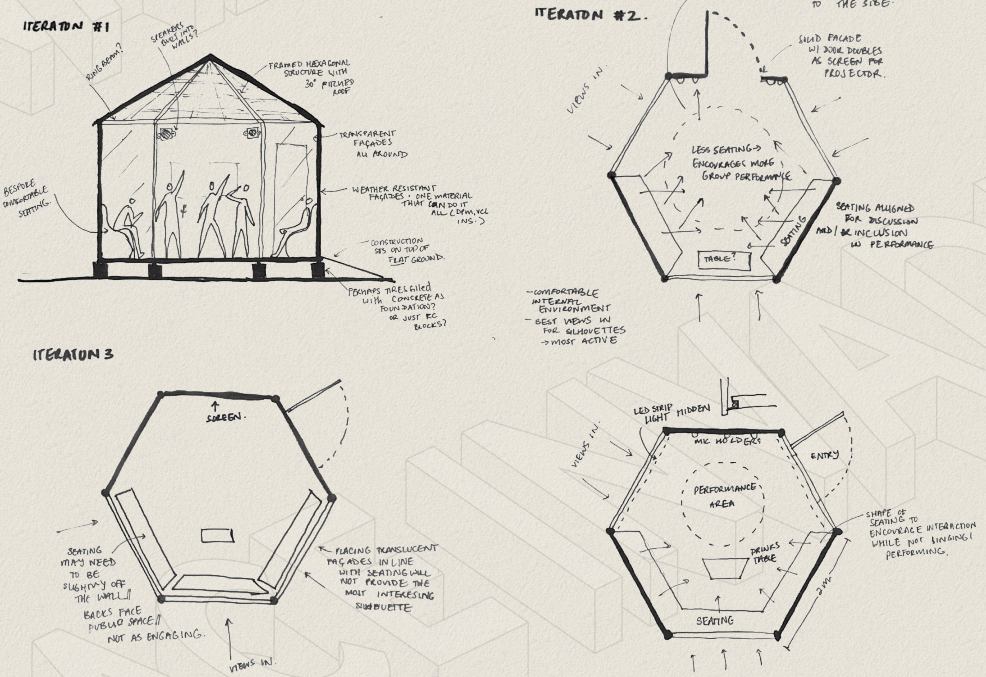


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A built-in projection, lighting and sound system will advertise nearby businesses and screen local films during the day, transforming at night into a performance space, with moveable, partially transparent walls that give the user full control over the booth's level of privacy. Music and light will emanate out from the structure, animating the streets of Nelson at night.



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ABOUT

Each year the MSA Live (formerly Events) programme unites M Arch. year 01 with B Arch. year 01 and 02 and M Land. Arch 01 in mixed-year teams to undertake live projects with external partners to create social impact.

LIVE PROJECTS

All MSA Live projects are live. A live project is where an educational organisation and an external partner develop a brief, timescale, and outcome for their mutual benefit.

SOCIAL IMPACT

All MSA Live projects have social impact. Social impact is the effect an organization's actions have on the well-being of a community. Our agendas are set by our external collaborators.

EXTERNAL PARTNERS

MSA LIVE projects work with many organisations: charities, community groups, social enterprises, community interest companies, researchers, practitioners and educators.

STUDENT-LED

Our MSA masters students take the lead in the project conception, brief development, delivery and co-ordination of a small project. Other cohorts join for an eventful 2 weeks of activities at the end of the academic year.

KNOWLEDGE TRANSFER

Working in teams within and across year groups and courses; MSA students participate in peer to peer learning. In addition, collaborators, participants and students engage in the transfer of tangible and intellectual property, expertise, learning and skills.

LARGE SCALE

This year approximately 600 students from 4 cohorts in MSA will work on 42 projects with partners.

QUESTIONS

For questions about MSA Live 21 contact MSA Live Lead: Becky Sobell:
b.sobell@mmu.ac.uk

BLOG

live.msa.ac.uk/2021

SOCIAL

#MSALive21

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WEBSITE

www.msa.ac.uk