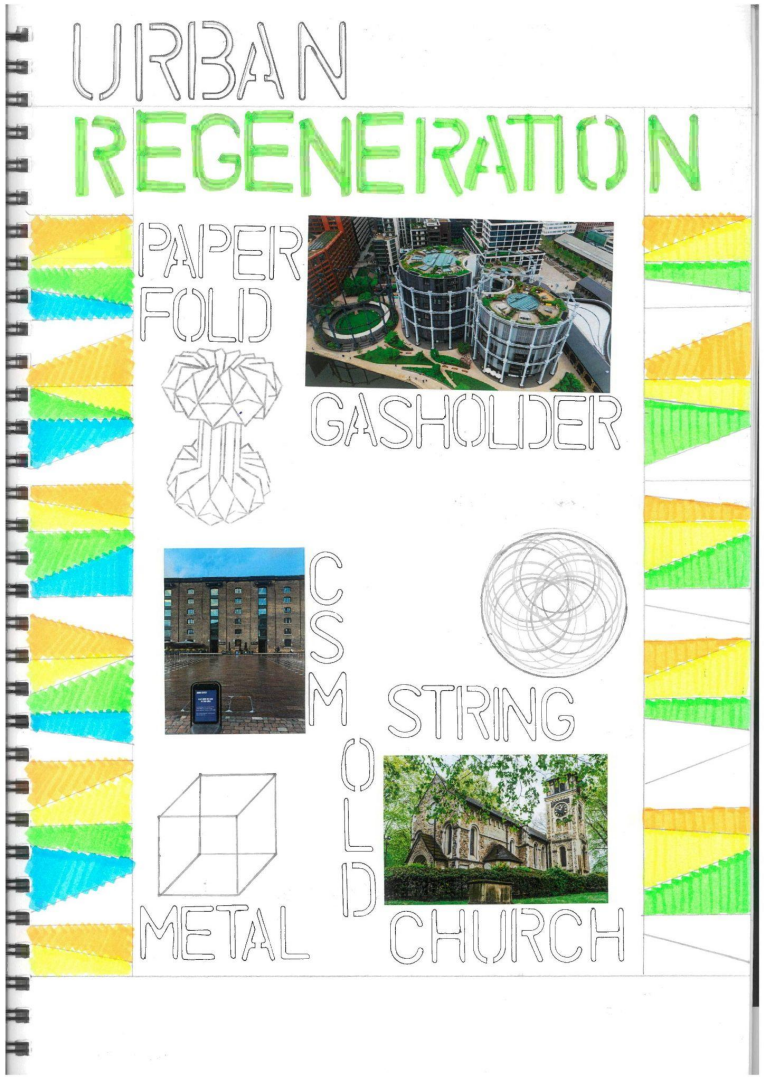
Tree Tower

By Gerald Peralta



Poster

My aims for the project was to use vibrant aesthetics to uplift the urban space, due to lack of colour.

I want to create an organic and dynamic structure that integrates well with existing buildings and does not damage the environment. King Cross Is one of the largest redevelopments In London with a rich heritage and history of Industrial and transportation.

CONTEXT

HISTORICAL
GASHOLDERS
KINGS CROSS
COAL DROPS YARD

CULTURAL
ECONOMIC IMPACT
PHYSICAL TRANSFORM
CREATIVE

PATHWAY
BELL PHILLIPS
ANTONI GAUDI
WILKINSON EYRE

PERSONAL
PLAYGROUD
PARKS

CONNECTION

URBAN
REGENERATION

ART & DESIGN
BANKSY
CAMILLE
WALALA
FELIPE PANTONE

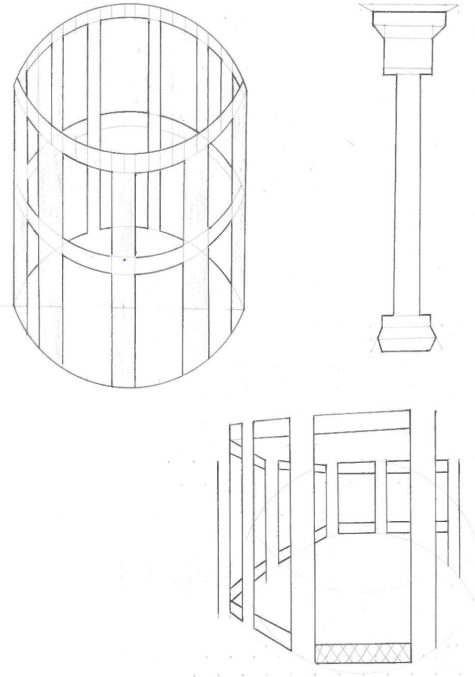
YOUNG ADULTS
END USER
ELDERLY
DISABLED

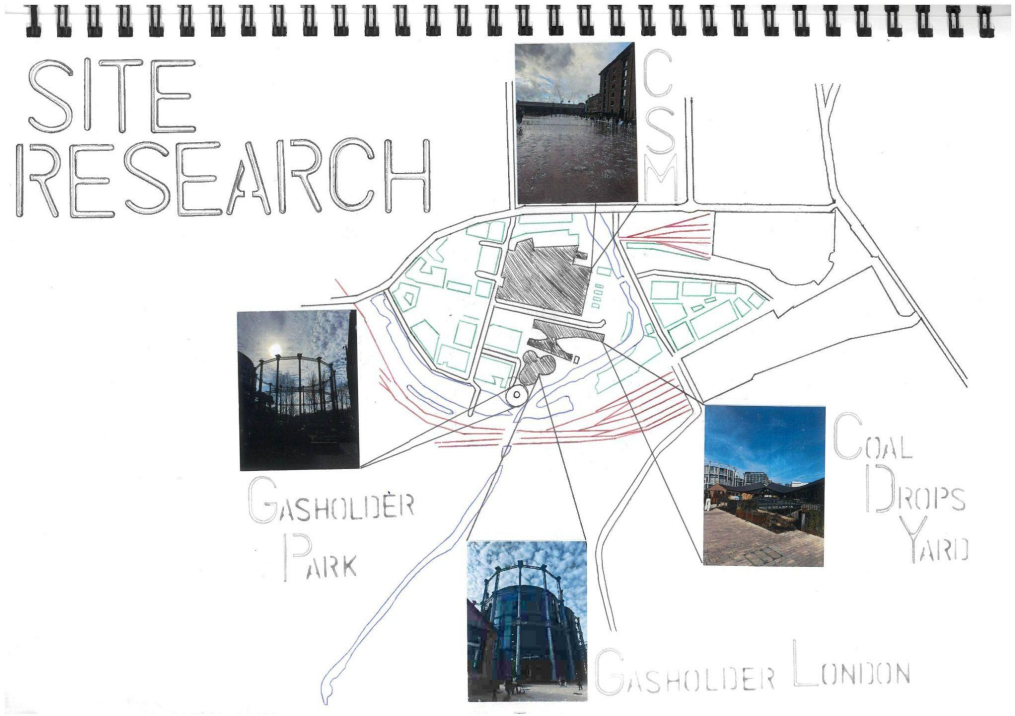
POLITICAL / ETHICAL
GENTRIFICATION
SUSTAINABILITY
NEOLIBERAL

Thematic Research

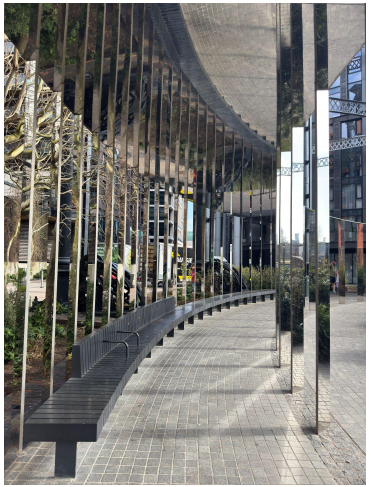
By Researching multiple outlets, It allowed my to consider the direction of my outcome.

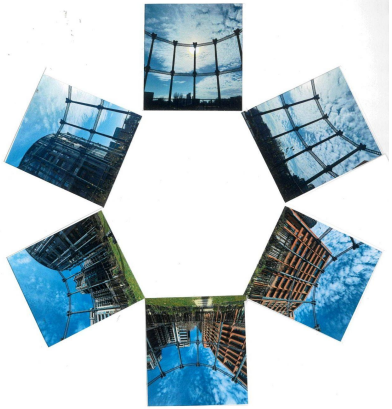
SKETCH

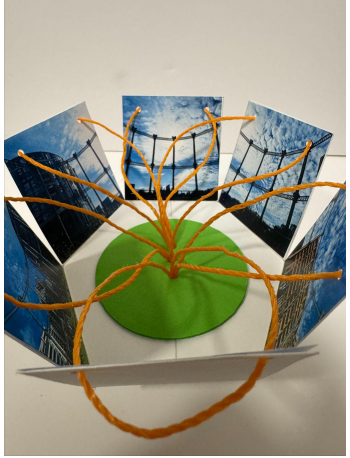




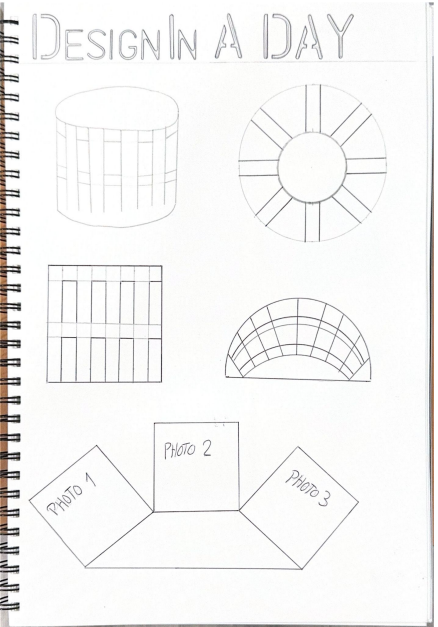
By visiting the King Cross, I chosen to implement my design In Gasholder Park, due to Its location and the open space.





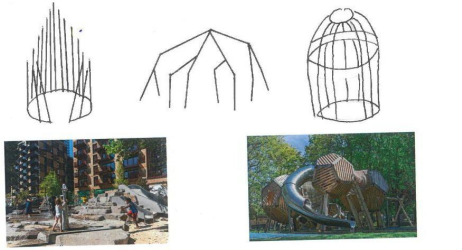


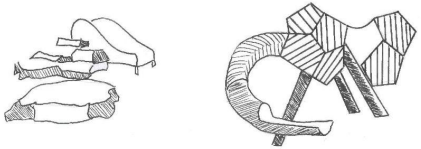
In the Site Model, I used the wood workshop to create the model. Hoping to translate these skills to my Final Model.



Designing the Diorama, I wanted to create a connection from the center, to the pillars of the gasholder.

LETS DRAW

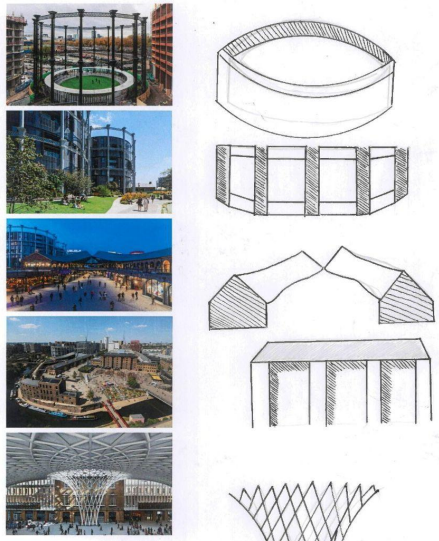




Formal Research

These are drawing of structures that was taken from my Find 50. At this point I didn't know the form to consider of creating my structure.

LETS DRAW



Casa Batlló by Antonio Gaudí

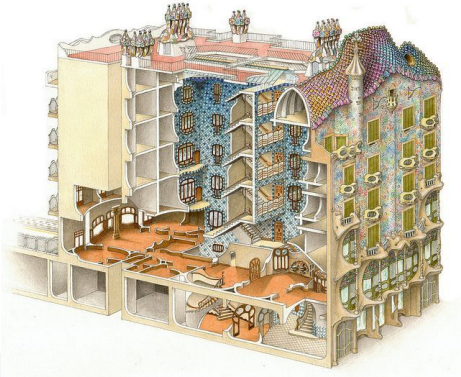
Built In 1877 but was renovated by Gaudí In 1904-1906, In Barcelona Spain

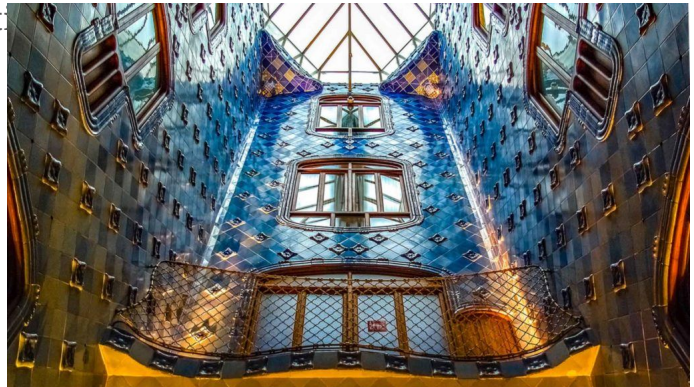
Gaudí incorporates nature and organic form In this building creating a calming and relaxing space. He considers the environment Into his design using natural light to reflect the surface of the tiles and ceramics. The materials used are Stone, Ceramic Tiles, Glass, Iron, Wood and plaster.

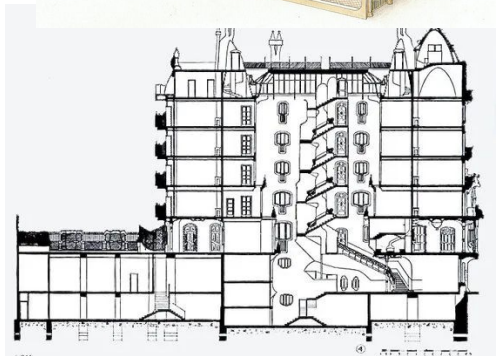
He uses colour to create emotion In the space, as the interior of “Patio de luces” has dark blue from the top and gradually lighter to the bottom, allowing the light to be shared from each floor.

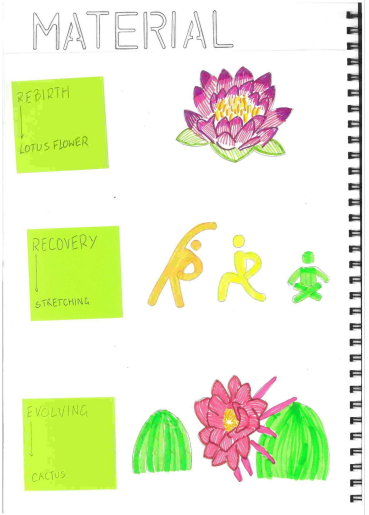
The exterior of the roof resembles scales of a dragon,to represent the legend of St George and the dragon.

The issues with the buildinging Is that due to Its intricate stonework and ceramics, It requerces contest mentaines and to repurposing the space will be limited not fitting the modern needs easily.



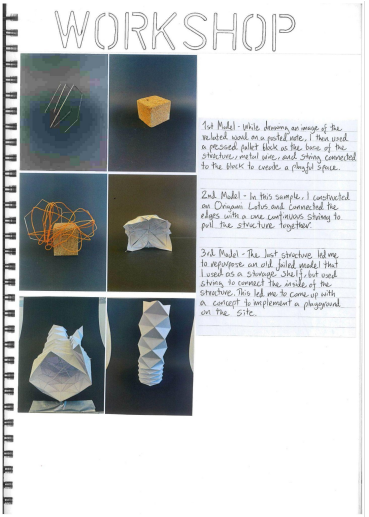






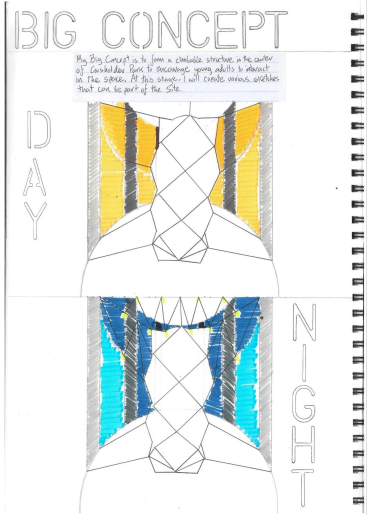
Form Exploration

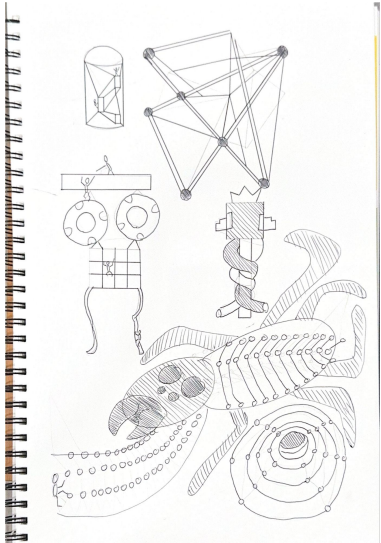
By coming up with word that relate to my theme “Urban Regeneration” I came across words like Rebirth, Recover and Evolution, leading my to construct sample structures.



At this point, It was clear that I want to create an playable space In the Site, incorporating the usage various times of the day.

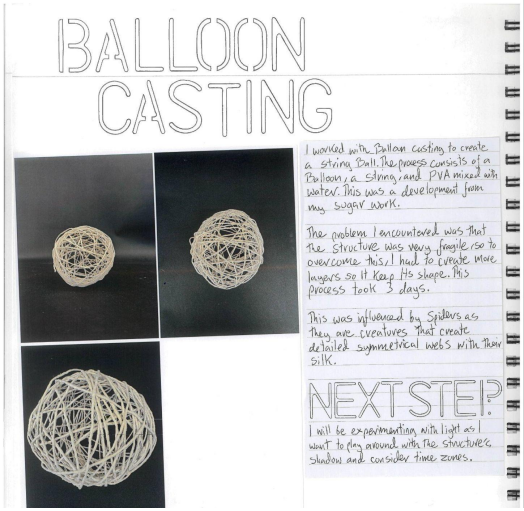
I came up of ideas that I could implement like obstacles to reach the top, a tower to see the whole area of King Cross and climbing a Spider Web.

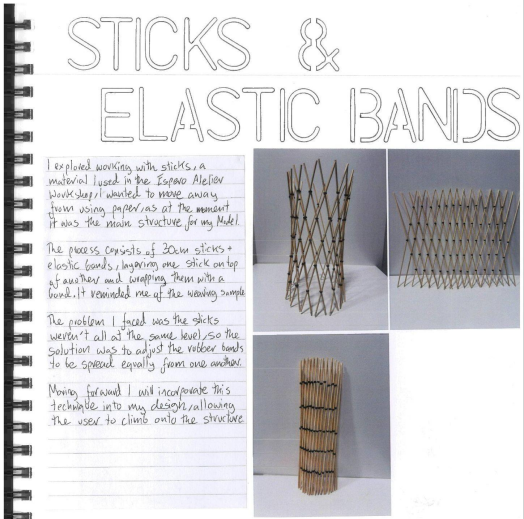


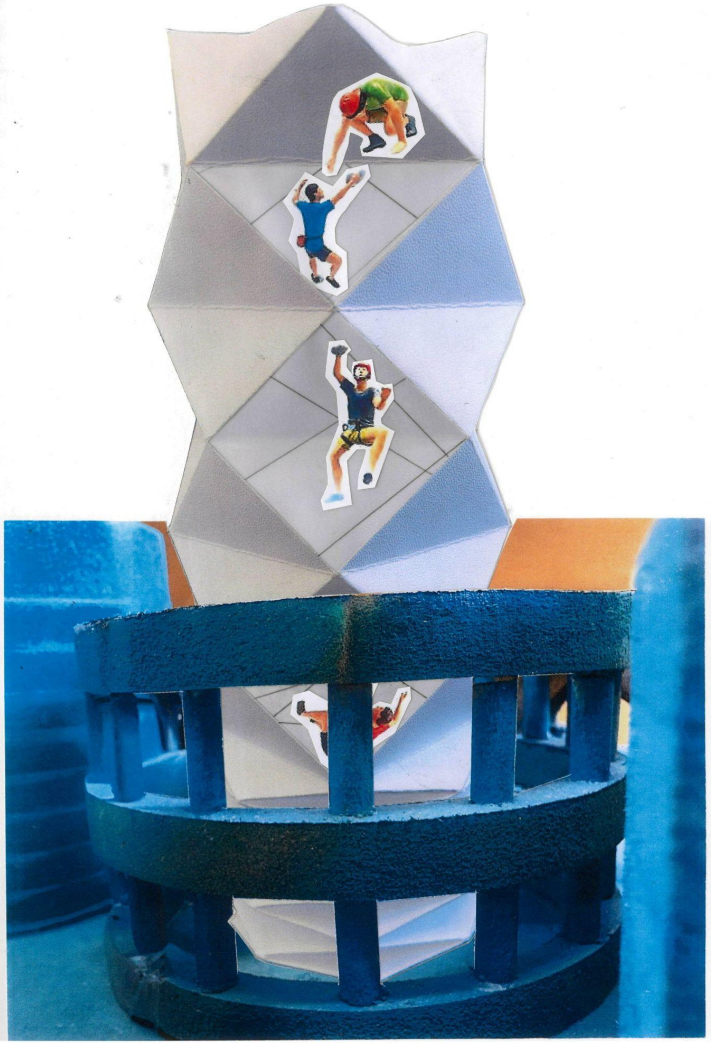


Material Exploration

From developing old techniques and exploring new ones, I enjoyed the making process, I knew that I wanted to move away from paper, so that I can gain a more creative approach In designing my Model.







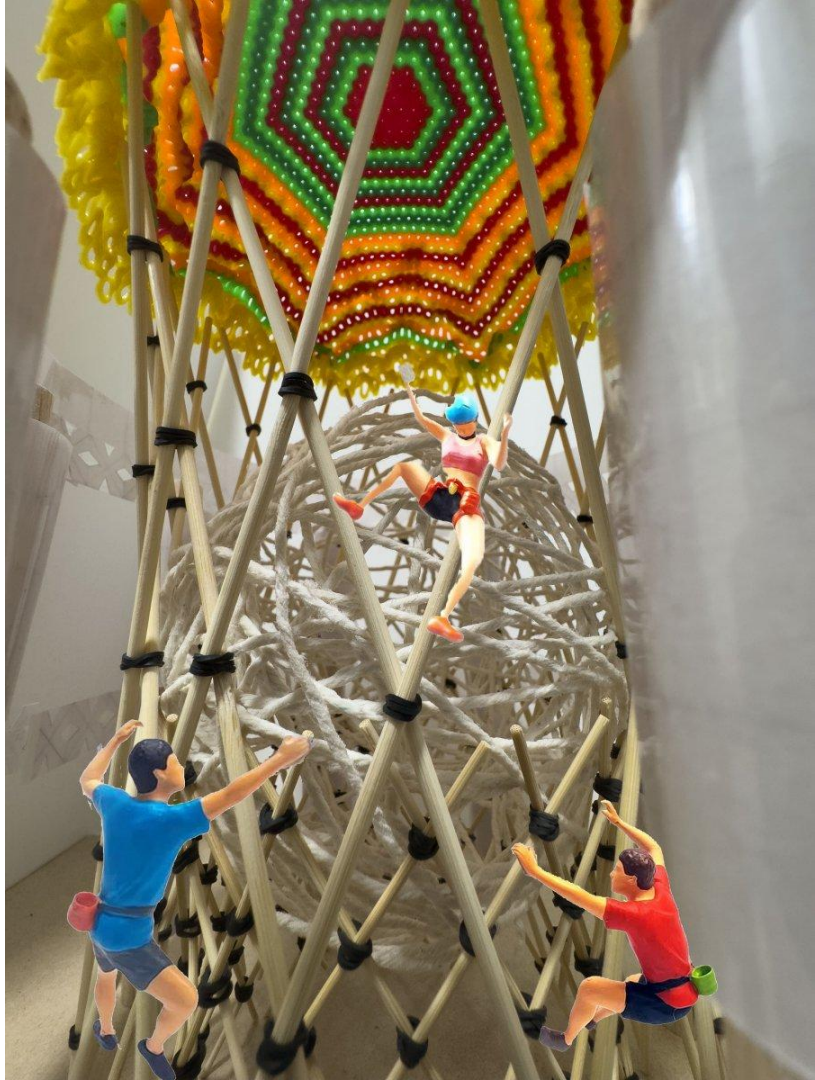
The function for my design Is a climbable structure In the center of Gasholder Park as there wasn't any playgrounds for Young Adults.

The reason for this Is because our exposure to technology and social media, has lead people now a day spend most of their time Indoors, not taking the time to enjoy the natural world.

Final Proposal

The function of my Structure Is to encourage young adults to go outside and experience childlike memories of play.

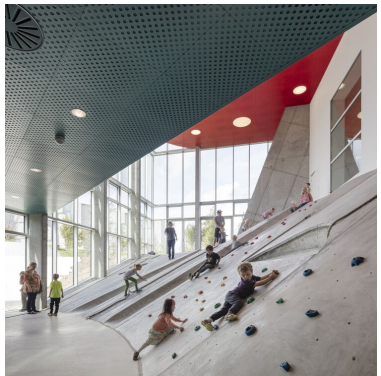
Most Young Adult are shifting to getting older dealing with responsibilities, due to a lack of facility for them to express freedom from the everyday world problem, they mostly uses social media. However, It creates more problem as It limites human Interaction.

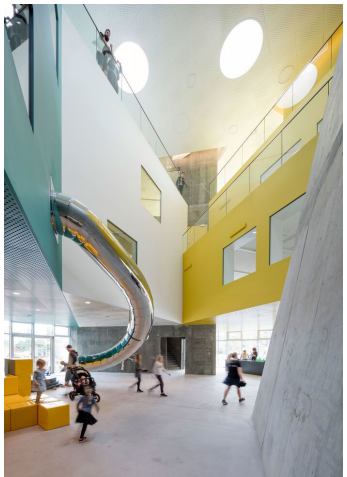


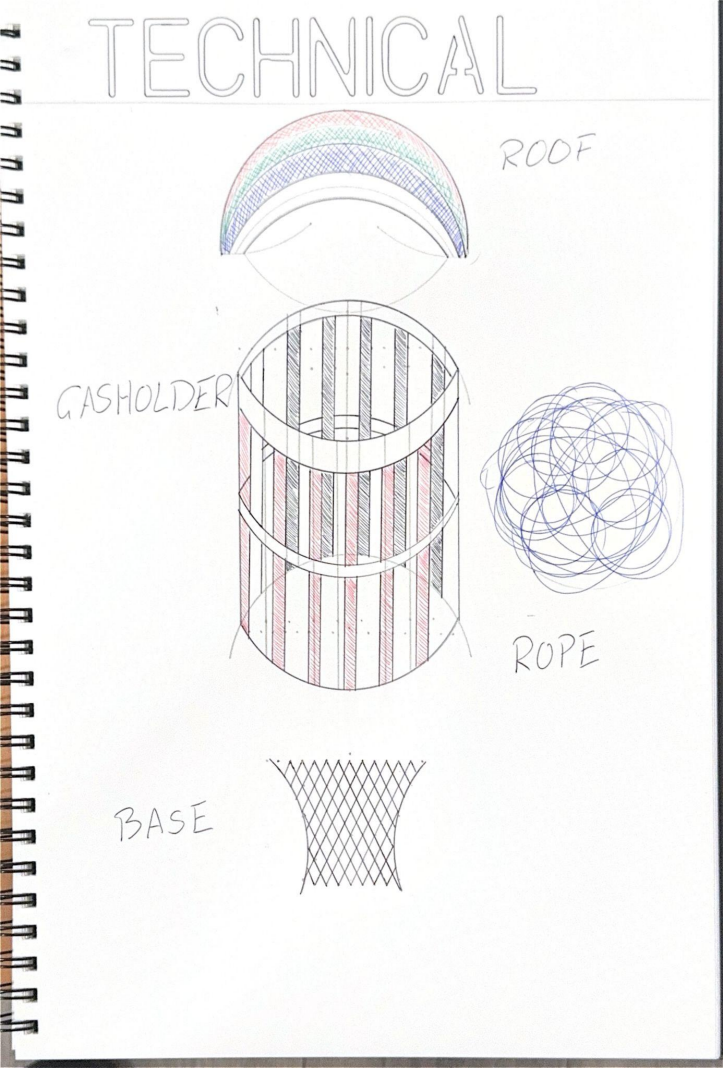
House of Culture and Movement by MVRDV +ADEPT

Built In Demark 2016, It Is a vibrant Community Center that encourage the user play and interact with the building.
The space Is designed to encourage diverse ages to be active. The benefits of the design Is It unite various social gathering and the space Is flexible for the modern day use.
However, This means with interactive structure It requires constant maintenance and new user might get lost as their our multiple sections. This relates to my theme as I want to give the user the freedom of play In a space.

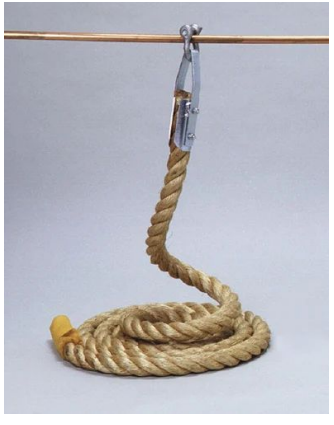
Made out of Concrete with wood,steel, metal mesh and rubber surface.
Climbing walls, nets, trampolines.

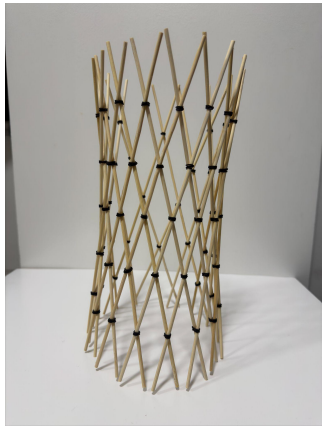


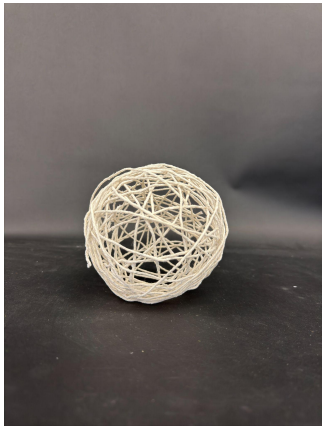


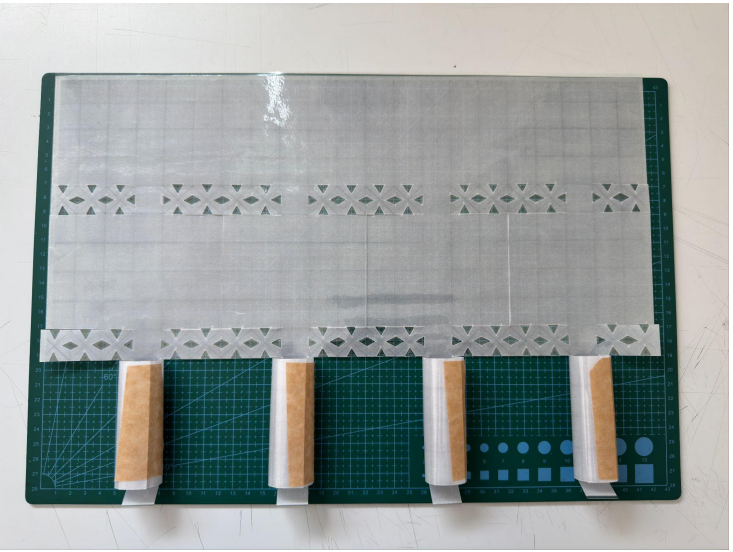


The roof will be made out of Crown caps woven together from recycled bottles, connecting to each of top of the gas holder pillars.
The rope will be made manila rope as It's from natural organic fibers, also a environment friendly material.
The base of the structure will be made out of bamboo a sustainable material which Is durable and flexible.









Materiality

I will be redeveloping my straws and integrating all my techniques to make something new, Using my sticks to be the foundation of the structure and the string as the base.
I will also create a roof cover.