

Component 1 Three-dimensional Design Standard Mark – 24

	AO1	AO2	AO3	AO4	TOTAL
Mark	5	5	5	9	24
Level	2	2	2	3	
	Mostly basic ability	Mostly basic ability	Mostly basic ability	Fully emerging competent ability	

Examiner comments:

The candidate's investigation is focused on organic architecture and demonstrates a simplistic and methodical critical understanding of sources which leads to a three-dimensional realisation (AO1). The understanding and exploration of ideas and concepts is superficial (AO2). Visual experimentation with materials presents a deliberate application of the formal elements (AO3). The candidate creates an emerging competent response (AO4) in which they demonstrate a broadening application of the formal elements.

Keyword descriptors from the taxonomy:

Deliberate Simplistic

Methodical Broadening

Superficial

Subject: Three Dimensional Design - Architecture

Module: Component 1

Project 1

Theme:

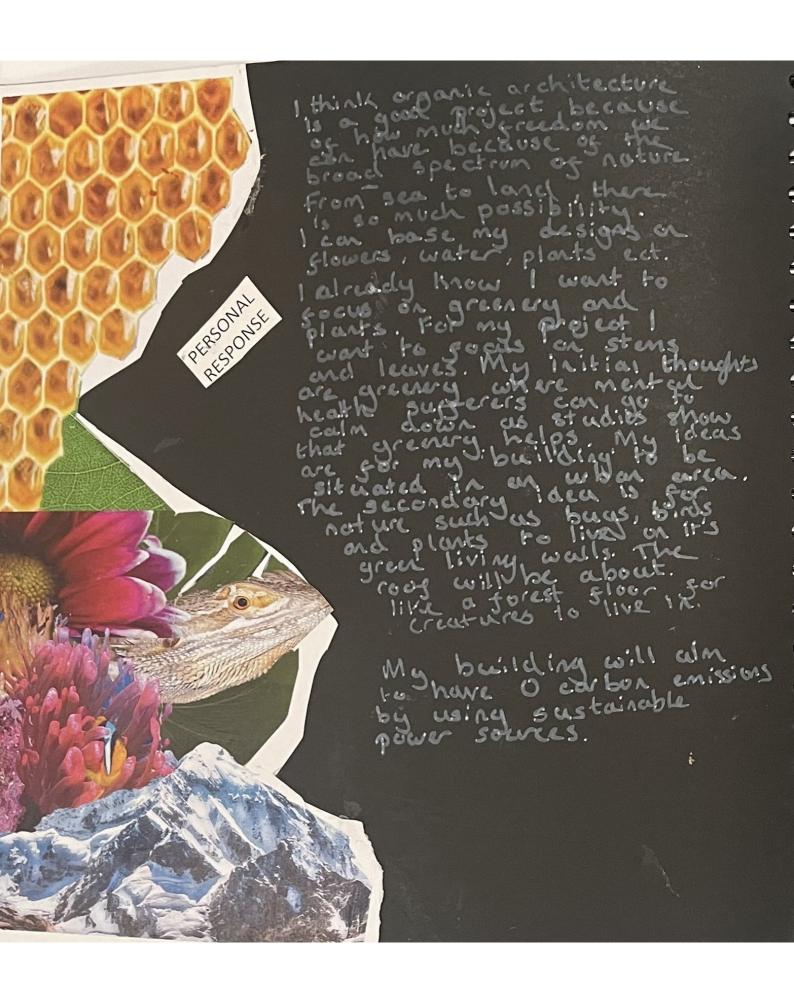
ORGANIC ARCHITECTURE

Context:

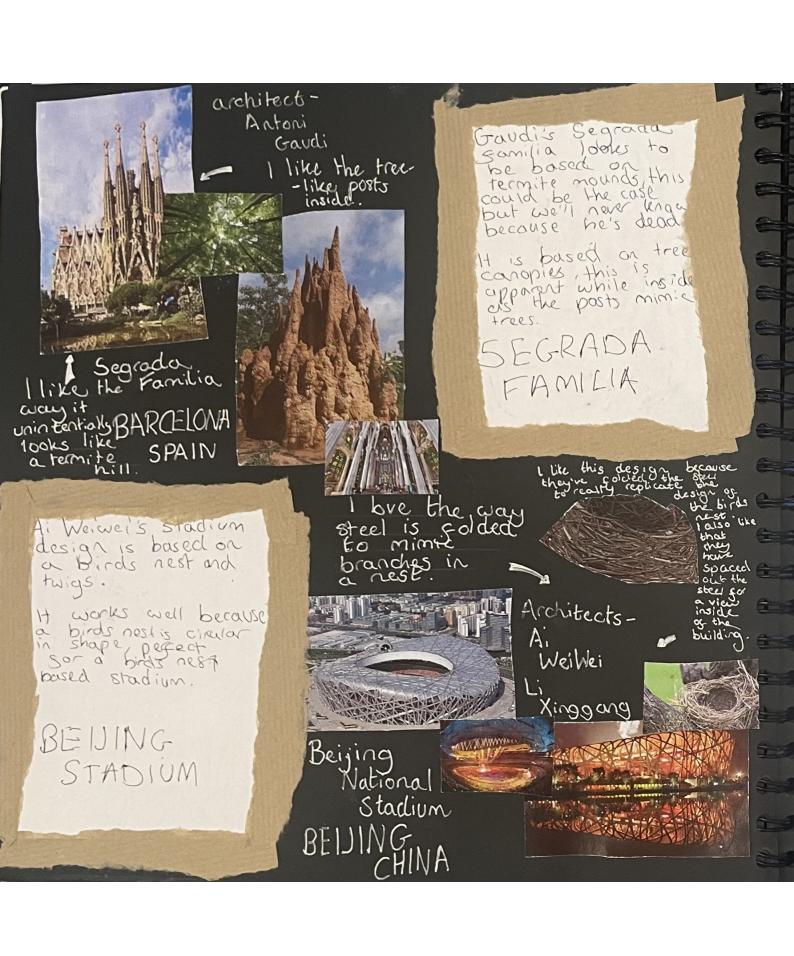
To create a building that fulfils a purpose in society. The design must incorporate the theme of 'NATURAL STRUCTURES' as the main inspiration. You will also need to consider sustainable design as an other important aspect of this project.

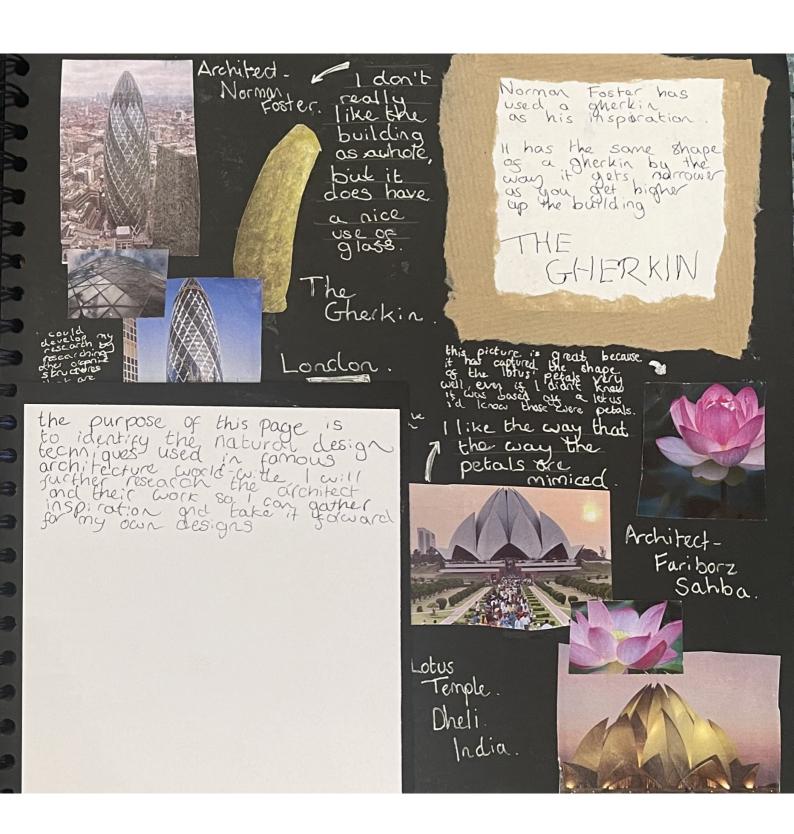
The design will need to consider the specific environment/location it will be situated and considerations on suitable structural and material factors should be addressed.

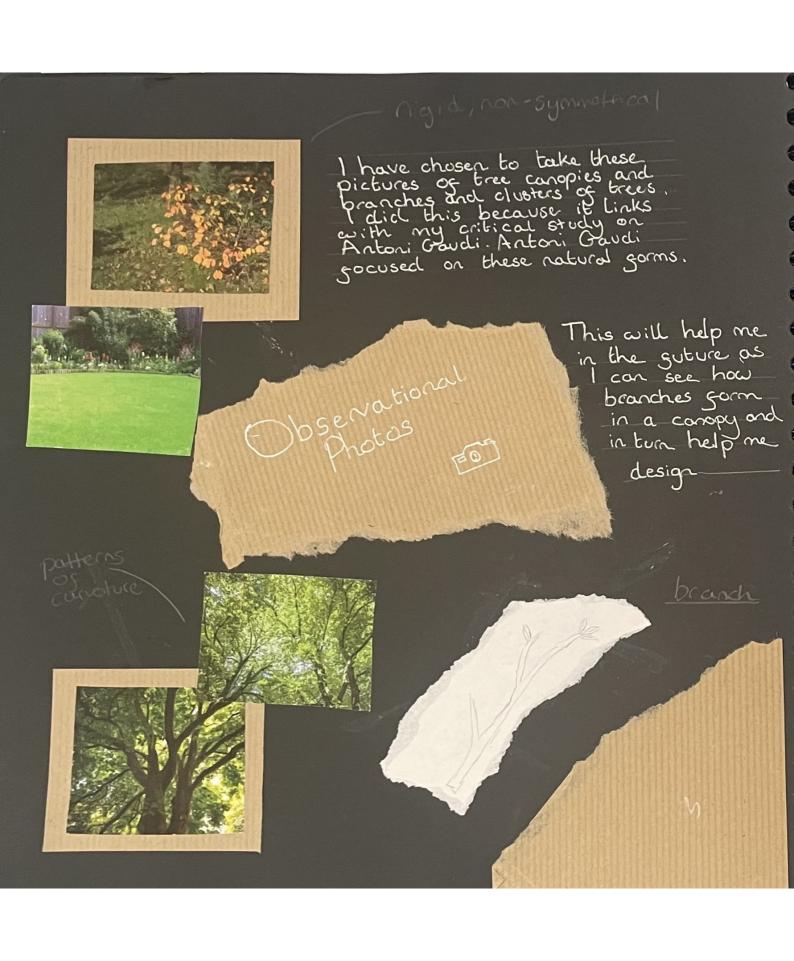
A prototype model of the building, along with technical drawing and realistic 3D visualisations, will need to be presented as part of the final proposal.





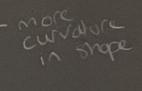






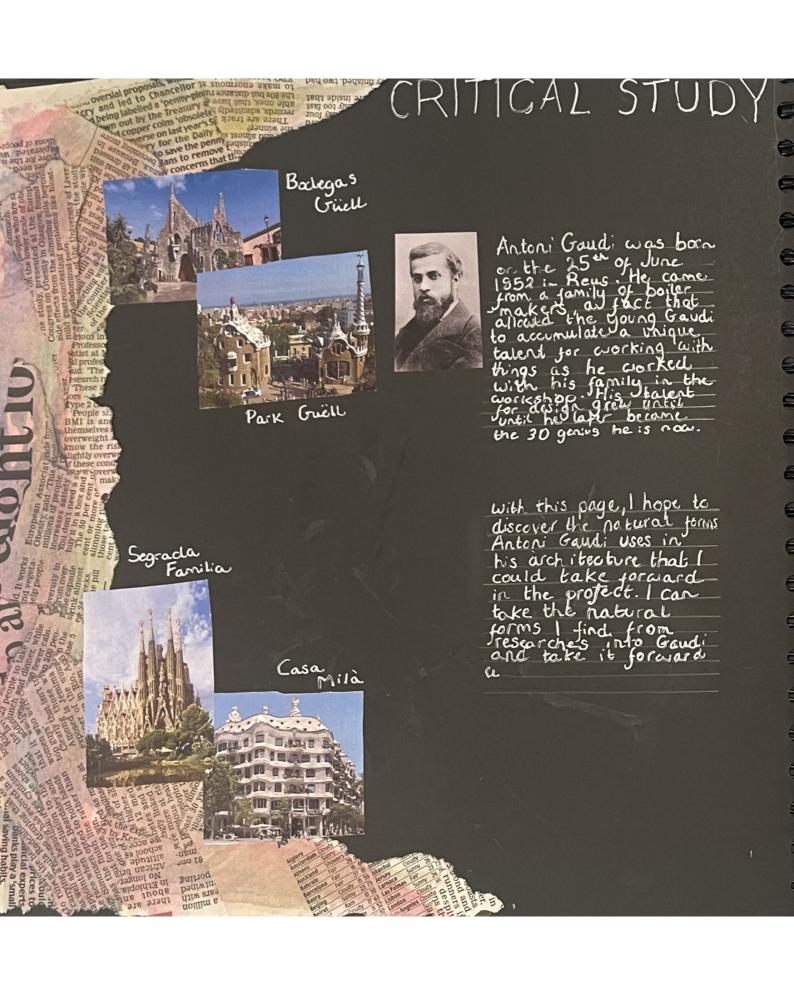


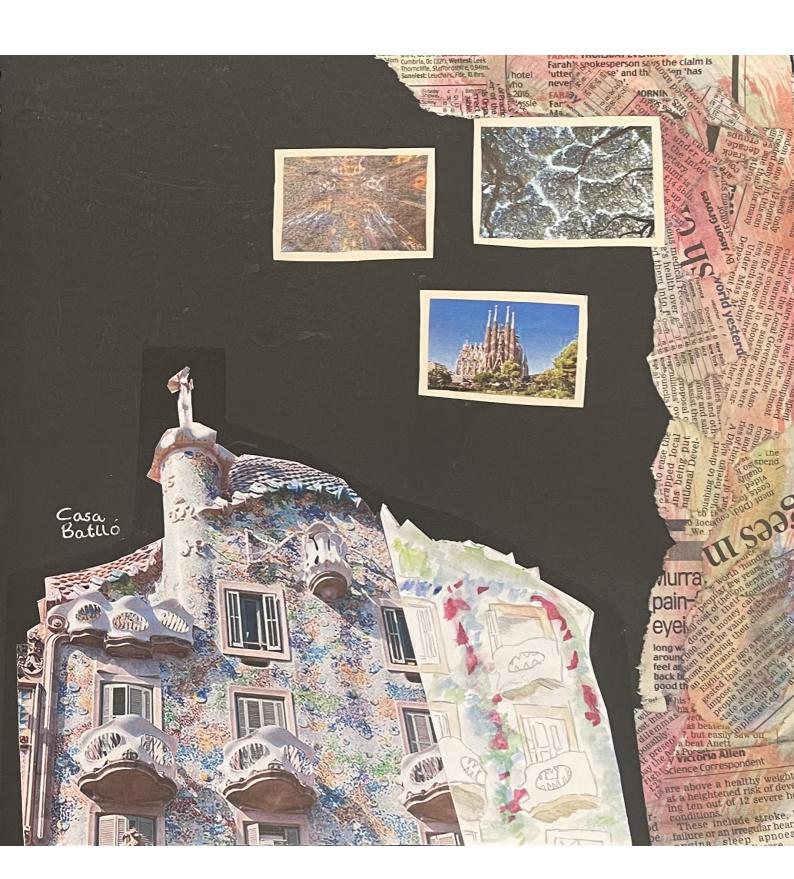
Sketch of tree

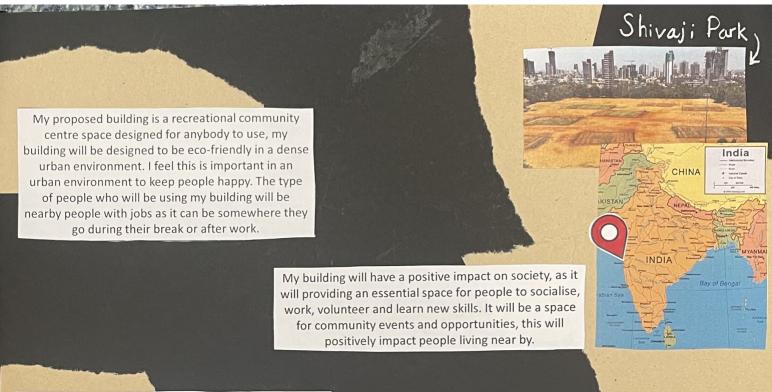




sketch of branch



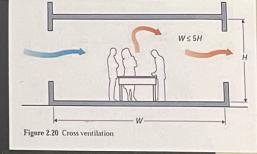




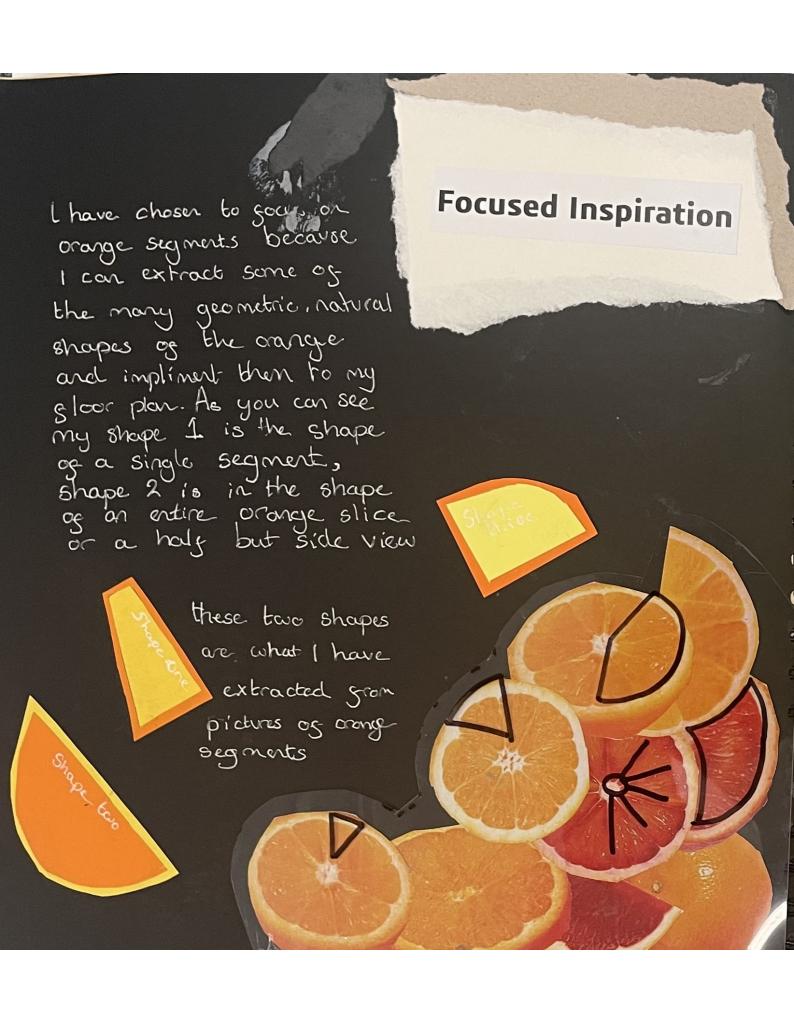
My building will be located in Mumbai, India. This is because it's a densely populated area so my buildings function and usage would work well here. In Mumbai, It will be located in a small park dividing the city centre and the residential areas. This will allow anybody to come to the community centre no matter where they are in the city as it will always be a short distance away.

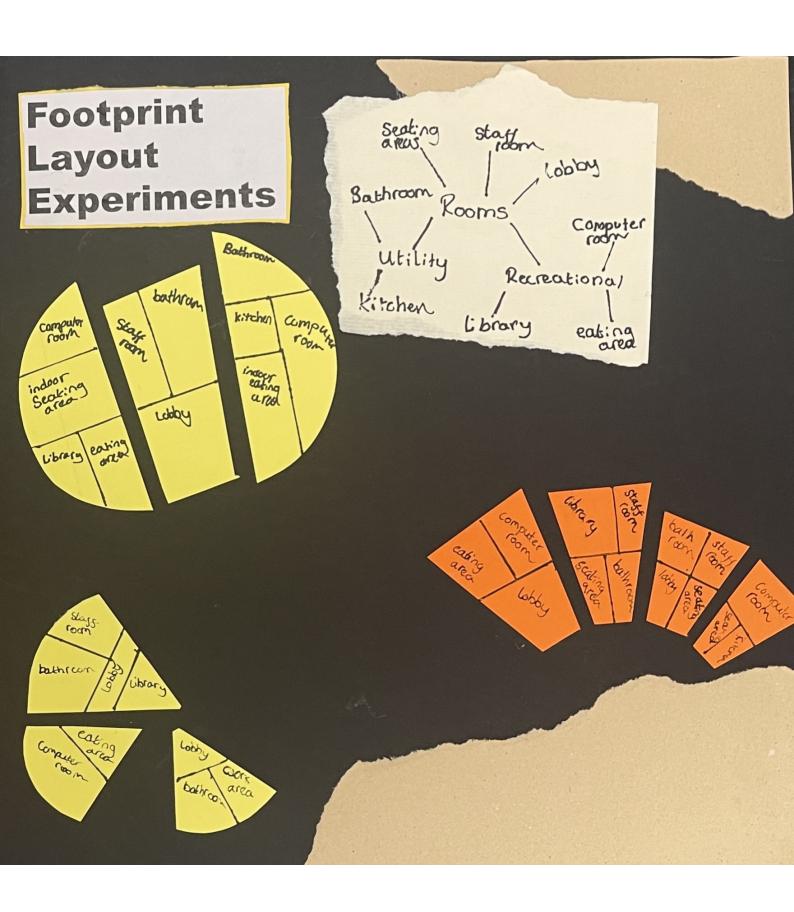
My building will be sustainable as it will incorporate many essential features, such as insulation to prevent using central heating in the winter, cross ventilation for free ventilation in the summer, energy efficient appliances inside, energy efficient LED bulbs inside, water collectors on the roof to use as much natural water as possible and multiple skylights to promote natural sunlight use.

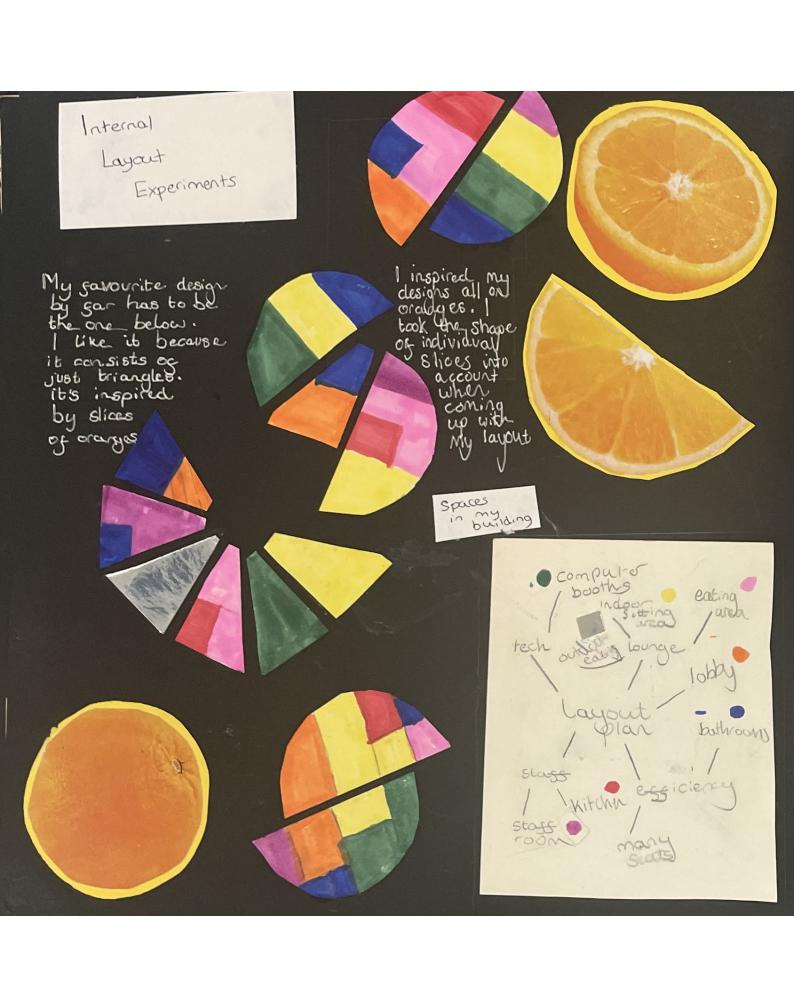




for my building design.
I will make a tounge space in the slums of Mumbai. It will be a place for people to eat and rest between their shifts.







FINAL FLOOR PLAN

I used this floor

plan later on when

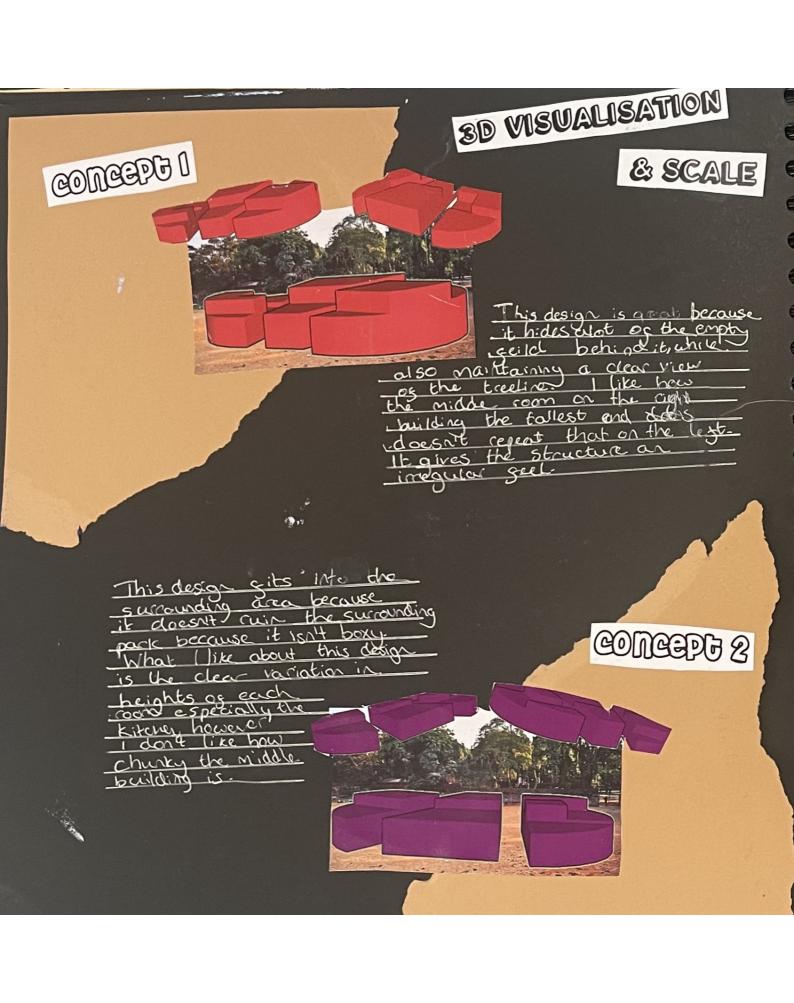
creating my Cock

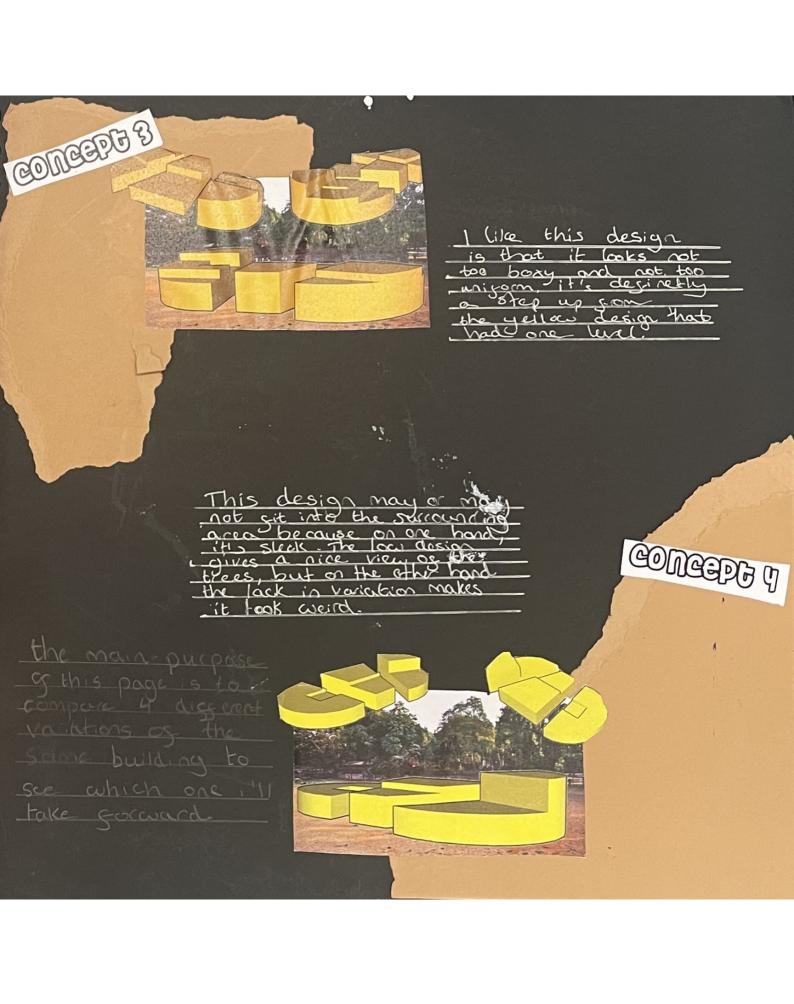
models which I then

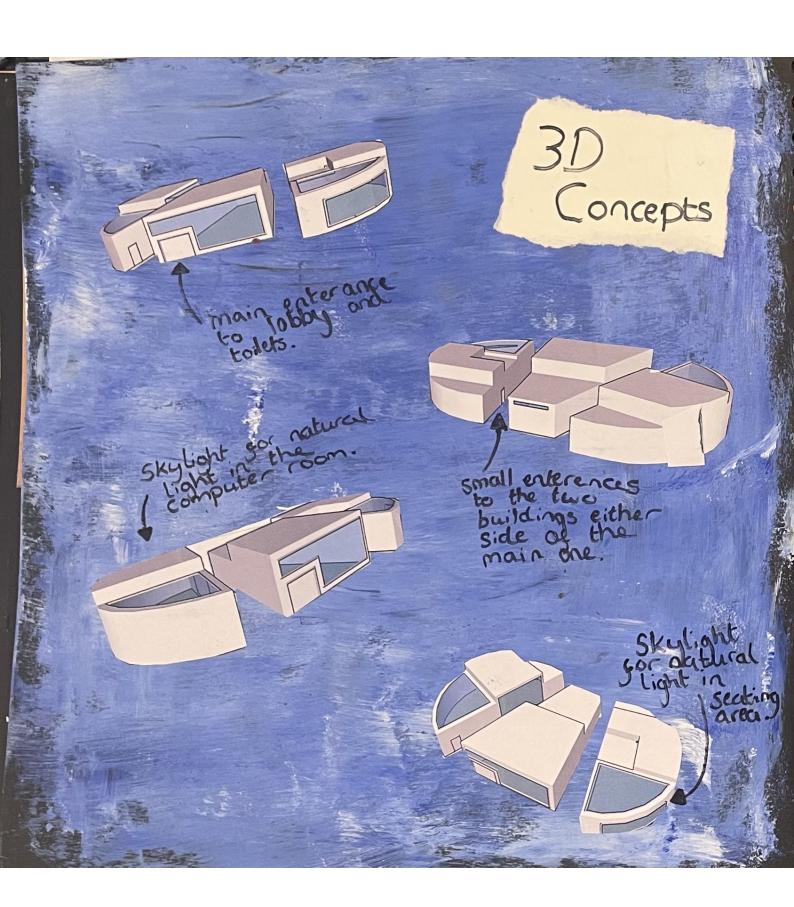
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physical moder



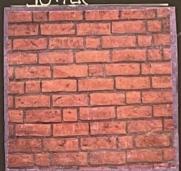






Materials Research





Stone Brick



Stone Bricks are good as they will stand out because they more away from the unigoral green and brown of the surrounding area.

Concrete

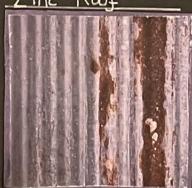


slute



State roof, similar to stone, though hopefully it will be drive enough as to tall treeline above while also providing a new colour to the wrea

Zinc Roof



Steel Roof



Metal for roofs are good because when they rust, they add to brice new coloures of the surrounding area and brown area

Concrete



here is made here is made by givened by strong three sould be addited it's cheep and can be appealing it's not over perilding.



· I have created my spery rete from the contract source from the contract section of the contract contract co

Steel roog

My steel foot is it waster the control of the steel sout is a content the steel sout is a control of the building as it would sit well.



Zinc
Roof
Roof
Roof

My Zinc roof is
made from alvanioum
strips by alvanioum
strips stand
the out against the
auti mature,
surrounding to



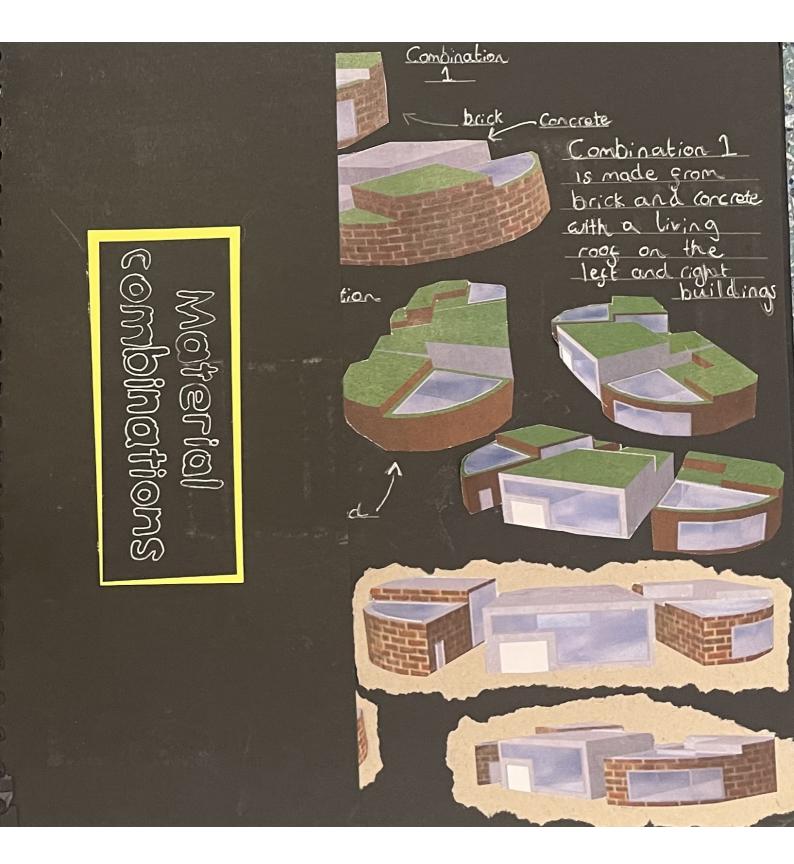


Bricks

· I have made brides on by carring back design there into gray peam there pointing are from points and brown points be created a record on bop.

· My grosted glass is sonded down clear acrylic. I decided to add this because the area my building is is quite populated so privacy is a must in this area





Final Visualisation



