

AS ART AND DESIGN 3D DESIGN

UNIT 1 PERSONAL CREATIVE ENQUIRY

AO1 = 35 / 40 AO2 = 32 / 40 AO3 = 32 / 40 AO4 = 33 / 40

TOTAL = 132 / 160

entered	which you are	Design	Fine Art	Contextual Studies	Design	Graphic Comm.	3D Design	Photography
	entered						~	

LEARNER STATEMENT COMPLETION OF THIS FORM IS COMPULSORY

Complete and submit the learner statement with your work as it will be referred to when it is assessed.

To place your submission in a suitable context, use the template below:

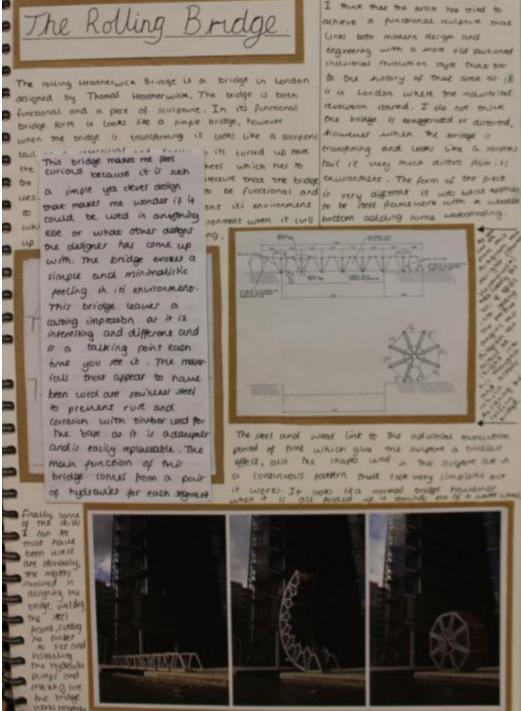
Explain the MAIN IDEA(S) for the development of your responses

My exploritory project revolves around the exploration into materials and he development of unit challenged me to create pleas, The a series of derion ideas wat applice different techniques, artist works and meetials. The central idea for my exploratory projects revolues around an exploration into my artists for example Thomas Meahier wich and architechne After my endorotony project I embarred on a personal and more the science as investigation project wantedruchne understand with my own a come Outline your PLAN(S) for the development of your work My plan is to develop a piece of subporce bused

different techniques, artist works and meaning The central idea for my exploration projects revolues around an exploration into my artists for example Thomas Meaning with and architechne. After ny explorations project it embarried on a personal After ny explorations project it embarried on a personal innestigation project based on structure, as I manted to understand more the science beford does. wanted to understand more up with my own design ideas. Outline your PLAN(S) for the development of your work My plan is to develop a piece of subporce based around my chosen orhist, I intend to high quality pièce of sumptime that for my second personal Ineshipships project I donied to show morgh design how I have developed my ideas inspired by an arhit.

Describe the CONTEXT (influences, purposes and meanings) of your work I achieved the ideas for my work trough anour different sources. I ment on several Inpr provghot my projects, such as: The Adweim of Science and Industry and the Royal tomories taking princing source photography to Maluerce my idear. I have also created ideas prough refining my drawings and digital work as photoshep. REFLECT on your work critically as it progresses and on its completion derate an modelt of 11110med

19000 ideas prough refining my drawings and digital work on photoshop. REFLECT on your work critically as it progresses and on its completion For my exploratory project I developed work bused around he artist I have chosen I werd he design techniques and Trough represent I developed a model idea. In order to develop his design I carried out several drawings and moch up and her reprid my Anal prece. I men had me model photographied property in the studio and after reviewing my pieces I feel I could have smetched or challenged nyret by hying to advance my undertand. undertanding of sketch up and equipment or tool mat I used in the work shop.



acheve a functional sculpton that LIAKS both MORERA design and expressing with a more all your and inclustrial revolution the Duke ber to one matory of that area as it It is conclose where one inclustrial revolution second. I do not think the bridge is exagerised or distanted. nowenes when the pridde is transferring and cases time a surgers tout it way much duitert from its

East Beach Cape East beach case was completed in June 2007 and has since won more than 20 national and international awards for deligh, aschitecture, steelwork, croptmanship and engineering. The original inspiration for the design was a piece of driftwood, though it representer many natural inaper of the coast including land duries, wave, rocks and even shells. Alade in Littlebampton, the enterior is made from four seperate peres of mild steel. I would describe this pire of architecture as something that minicks the surroundings it ii m. interesting piece of architecture that whill being a perchanal cafe with had third to acquest a firmatate piece that complements 18 encomments the of the building is very subre in its This piece of bichitecture mainly shapes with a rock mente. to man. uses mild seed which asses the interior structure. There was clearly a lot of sheelwork used to bend here steel anto this is complete and completed there is an analog I capat out cooking our different natural SHOULDNESS WITHOUT THE SEOLADE minimarity peel environment and deciding to have his childen on a place of driftwood, we alsonly spent a long time designing designing a final laught maps, size and design before coming up with this character I throw this is a famounic piece of arcinal esture their blands and its environment realing well with a farthastic

modern yet or quinic feel,

The purpose of the cape is to be an constantly complimenting its environments spectacular views. I think that the anist more it ages it using of robust I three that the length of the suilting it very respected however one shape environ ment. The shape is a very long swand abstrat shape with a sense of disc All of these thates are arranged in a

passes continuously prowing along one that of the building creating a smooth effect. This building make me feel calm with it newsou coioux and

this is the blue design am using to conste a new one of my own using a more with staged link, that is revented as the lifes and numericality one upide down

This is a demons of THENTIL HELENBLICK'S KNOLE a sonden which I have developed into muy them executes before

My design is similar to themas How mewicks however the hydracers are flight upick down with foller more mable someno, me hydraulic and all of his segments are compately would properly and I amadding some form of grip type to are boue instead of wood making it EQUICY IS WOLLK ON

Heather

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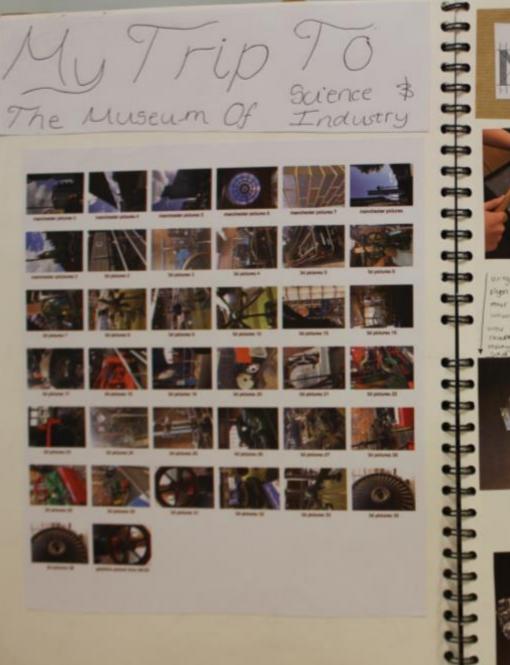
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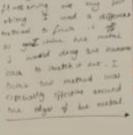


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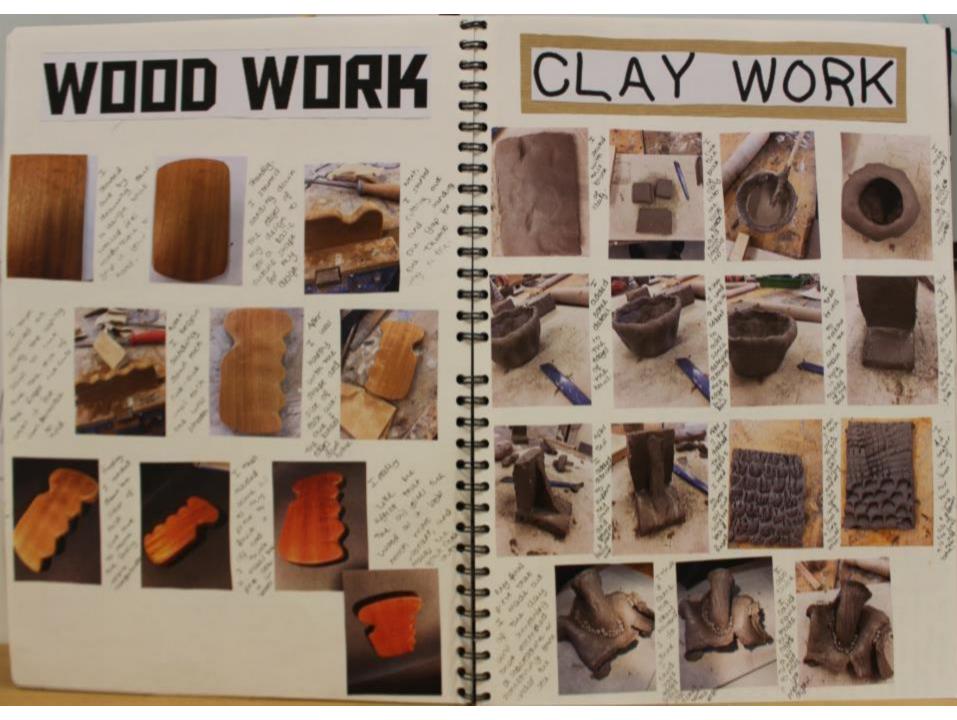


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Industrial Style architecture wing reported to the industrial nevolution, however also with a very moder feel. Contemporary architecture which compliments its surroundings very well.

Very modern all the such b as the newing bridge and ear beach cape. seands out from its en vironment but at the same time it complimings its environment.

Colours are very minimalise and claperd on the setting that the architecture is in Rolling Bridge is all one colour secce gray' with hints of woodgrain in the case, nowever East beach case is all one atmost rates colour which compliments its easide setting. If a moder pine of accuration which compliments its accuration which compliments its accurate setting. If a moder pine of accuration where to be on a mountain test I would exper there to be case of while and grey well to represent the rocks and the snow.

Venxias:

moder cars, bikes, trains buks, axoplane, super cars, military vehicles all nace important colour choices and shuling the mesAnother challenge is menor design, once you have finished a building on the outside making it look attraction precising on the hydre, moder Arnithure, Direction making everything match.

Coming up with new designs to best the competition when designing new cars is a challenge, one brand of car I would like to bok at is koengage with cars like the koeniging ogers and koeniging of one.

m example of a famous architect that might be good to use is Alvaro Siza Vieira who was the architect for

Adego mayor Porto school of Architecture, Adego mayor Pavillion of Porngal and New Oreans.

Offerent Brands

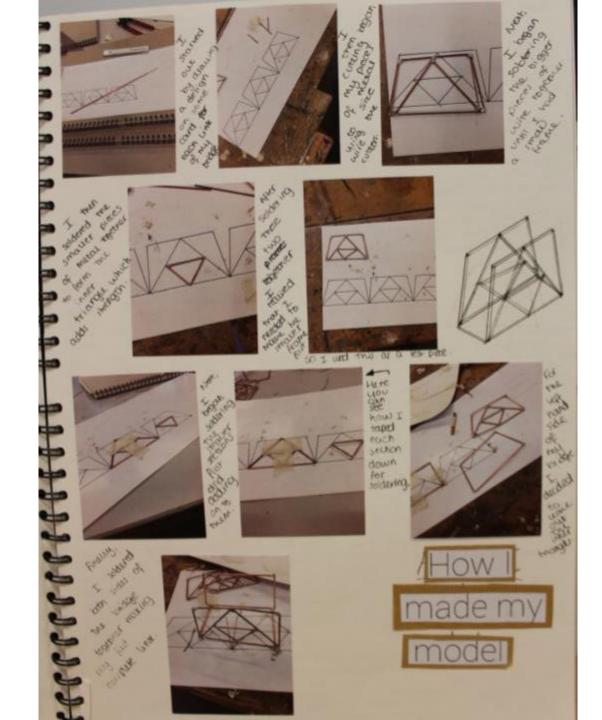
Buggatti, Aston Martin. Auds. merredus, Boeing, Hematha, harrey dewidson, Hawasaki, Ford, Fighter/ military jes.

famow Buildings

Shard. Burj al arab, Burj al Knollifa, empire state building, Owympic torch (London), Birds nest stadium,

Materials being used:

Stainless steel, steel sharwed concrete, drift wood, himber, oak, chipboard, glass (lob of gloss), more colourful metals like the ruted kind of shel wed on East Beach Cofe.





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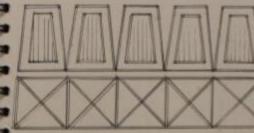
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THOMAS HEATHERWICK

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The are of material wind in both of these peres of administration are also may similar as they both use a mainly seel or won Cathica structure delliga, RECLERES true Themal Heatherwark elling bridge also included wooden noords on the bar

THE TWO One area that I THINK press of architecture are very different in the and scale of the THE archi tecture

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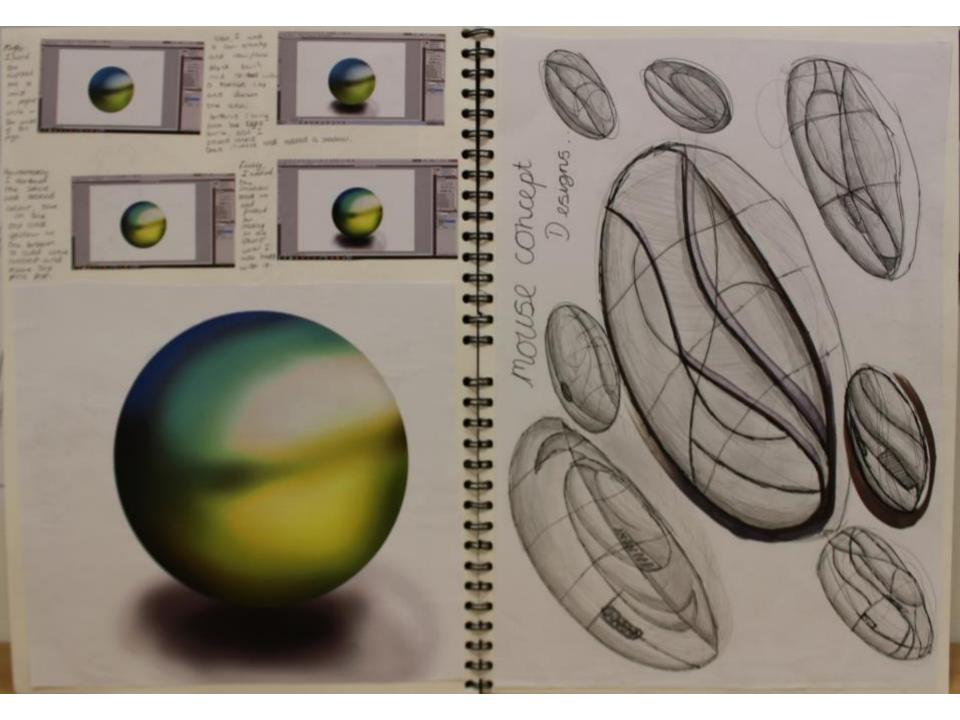
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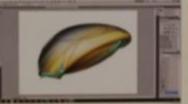




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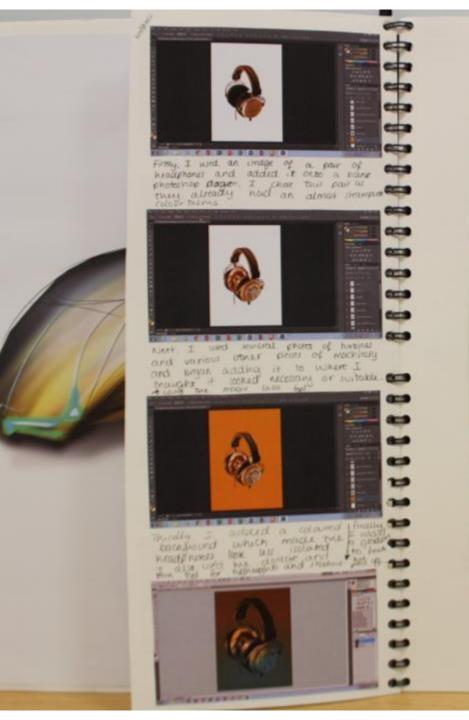
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PROPERTY DESIGNATION one of the Unit Tennets Hestikaukkis

EWING BADDER

loshe Safdie Art Firme Muram



The purpose for this buildings a so be an not & Science allumon put and to look appraising planning. and only the public to enter or draw Drys askention I think that the shafes of this building and extremation examination was the PALLEN ACO CLEAR DIAL were and overand. I would destrabe the colours of this tuilding as early due but that could just a down to the protein of the puriding boy to rease up me low Hautor trait. Building almost reminds me of the impend was muteum in Mancheller which made similar assmelling but and at a printing to see mores shapes, sizes and dimensions of architecture creates is very the main material used in his pipe The atmarphene that this piece maker out a late on the building

This piece of alchimichae is madelled around a lotur flower. The Are Science Museum is in singurer. I would describe but pittle at obsence, however I would say this this pile of architecture does only where its corrownamps as it is measured of an accounting large scale and line be Lotil Moder on which is it based it is got night nett to the waters edge, The face that the tions quilding it built on the of site



there pratient of the publication being the drapping great brack lieds Manifording. These maps are assanged in a very built and chappic order, namener you can clearly see the remublance of the lows plaster which gives the assancement of the shape a more organised feel The same makes me feel aspired II would say that the design is determined by take repeterbusenes of his suppo shape which anotes each man putated into such lamazing petal, it is a very piganic shape made out of a very induinal marchal

magical of it cleancy stands out of architecture with menal potopics and will grap peoples according according or smell, I would impose which I than I has get that that the main takingues word are architer a going for. I would ware welding I would magne some we that piet does leave a pract one archited standing they shall be winty instanting on a march par so the some thomas and much working one select to simplify it and make It brown man working and you the statemat in manipulate is mit maple

Moshe Safdie Comparison Comparsion with Heatherwick

The seed (introction) - Thomas Henting (1)





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and ecologies is local much more MUSE TRACK ONS SHOTA LOSS MARKED but presented thepe my Elegrant of 1958 chappi and Gales to Ale south fation direct such Peter mary may work proper and experimental and proved comissions of completions of him in hear take strange part take but haget use a trace sea of maps of a service and personal count T the tree of the sector / outplaces as been not used dimmen and men.

The steel intracting by Thomas Hermanics und to your innovand come should (Brouge, Hannahar the series made darings) with an of the state should be an the roles of the burgering, men her the are limite asstron it is a maily working building or piece. I BRITTER WATCH I THE WAS LIAN IN TANDED INCOME DATE AND are stay additions . The most account South & post I build for an the gut inerity and surroundulity reason the ford convection units what our of these and to this make forms point and - that only Dung status of spece, in an experience as the TALING SHITTER GOIX AND ANDRE Soldie wate the Sout Catalation con NO WE COMPRESSION MONAGED LINE Die makey shet in the art science muture and his write to the servery I de tours tous the wint comparison given a grant test language





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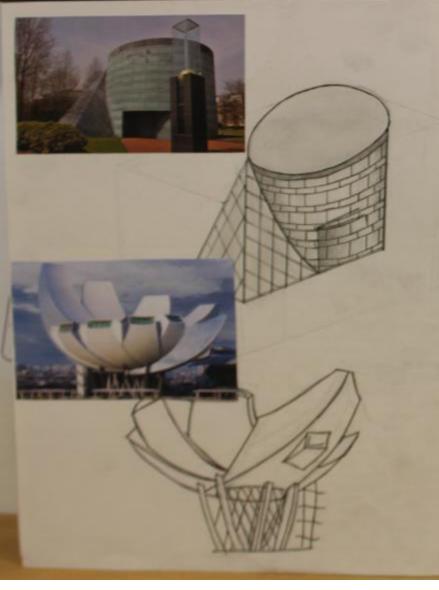


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Art Science Museum



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Antony Gormley Angel Of The North

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PROV IS DAVE BOUND

I would improve on my design would be to All in the holes and sand them down to give my knife a better Brith, give I would measure out the blade hist to make a better Ait for the blade, merefore improving the overall quality of the final product. Modern Architecture Falling Water house OMA Studio CN053 The should BULJ Knaufa

Burg al ANOD

modern buildings seem to not concentrate on the details like buildings of old, instead they tend to focus on clean unes and your dropping anover whilst using premium movenall such as glass and steel.

Definition of structure; - the arrangement of and relations between the points or elements of someoning complex.

- a building or other object constructed from several parts.

in my opinion the two most complex shoes in the word one the grait pyramid area percente of me 20 time and what wey not to water with and we bly which he

Structure is everywhere and in eventoring, from the largest building to the smallest insect.

Unless structure follows sercinegy inefficiency results."

- Alfred D. Chandler -

Tay Manal

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Engraving definition;

- a print mode from an excusived chare, DIOCK, OF OTHER SUFFICIES.

- the process or are of charaving a design on a hard asface, expressing to make a print

Engranny has

Robert Doisneau

Michael ford

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engravers;

for many years, enounced was a process morny chore by seitled craftsmen. such as goldsmiths or corpenses, depending on the materials were in the pires. Prior to the Fifteenin century, exclosed were not warned parmed, instead, primes of drawings or paintings were inpress THEN PERMIS CHARD WHICH OF mercu

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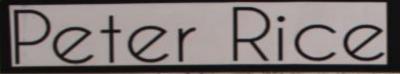
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C. R.S. PING Empire Store Building Partnenon Chrysler Building Wills Tower Eiffel Tower Haga Sophia Flahron

hearing Tower of Ala Barild 39 sydney opera House.

Space Neadle.



In 1956 Nexe Roce gound our through 3 Routiness in 1957 We solve Have to proble Print Gouldness muchues at umperiod cources reporting Anaps in 1968. After Duce years working on Jamn Usinin shell for the rows of of the Sythesis Operatin House of hendow, where he is created with national cources the generative of the problemaster design, he moved to Systematy to see assistantly enjoyed to the hendow, where our moved to Systematy to see assistantly enjoyed to the problemaster design, he moved to Systematy to see assistantly enjoyed to the header of whet are moved to Systematy to see assistantly enjoyed to an header of white and moved to Systematy to see assistantly enjoyed to a series charge it the day of 28. On site his geometrical knowledge a series charge it the day of 28. On site his geometrical knowledge of the statute concreating in what we allow scores working on the of the statute concreating in what we allow scores, in blow York Ong and its working shower as Geneel University.

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Statement of Intent

The main focus for my project will revolve around looking at the central theme of structure however will focus on architecture. Researching Peter Rice has allowed me to gain a greater understanding on structural engineering, sculpture and architecture.

In order to create a set of design ideas I intend to develop my ideas through looking at rapid 3d ideas and drawings which show architecture. I hope to develop an understanding of architecture, large metal structural design using different media and tools. I intend to link all of my design ideas back to my artists through using similar media, colours and themes. I will use the shapes and ideas of my artist to complete drawings. After I have completed a series of drawings I intend to refine these through further drawings, photo shop or other media such as sketch up.

Another refinement I will take on is to build a series of Marquette's and models that represent and are inspired from my drawings and digital renderings.

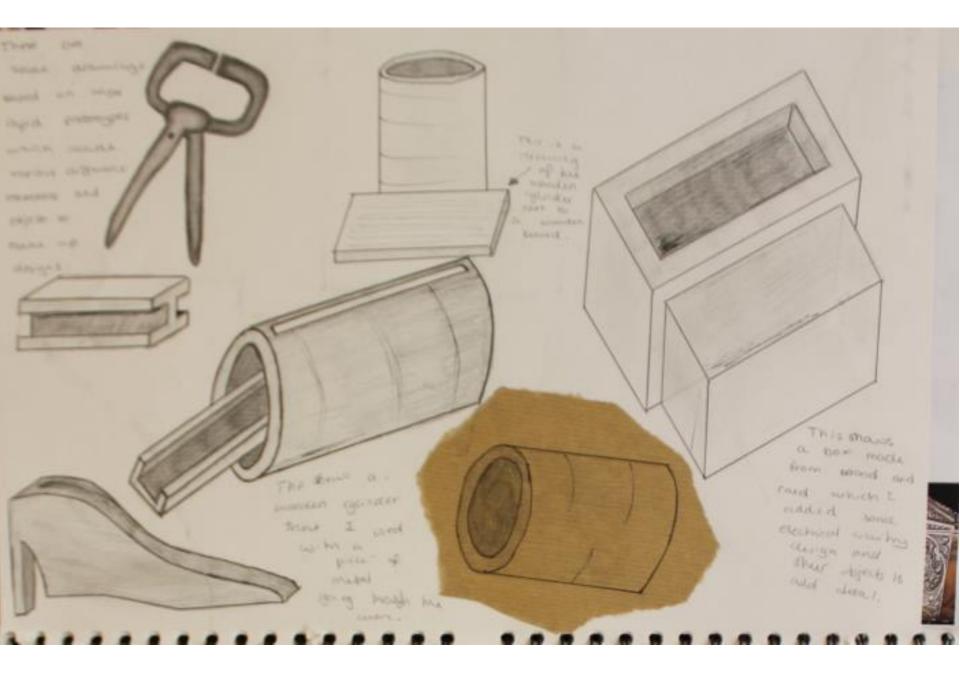
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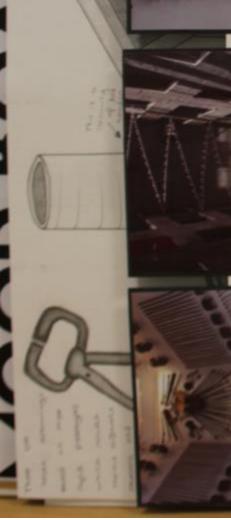
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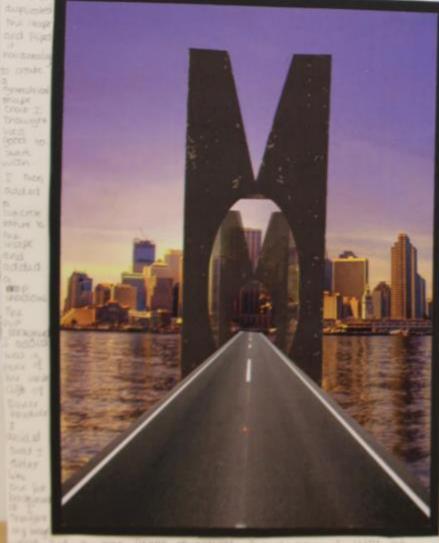


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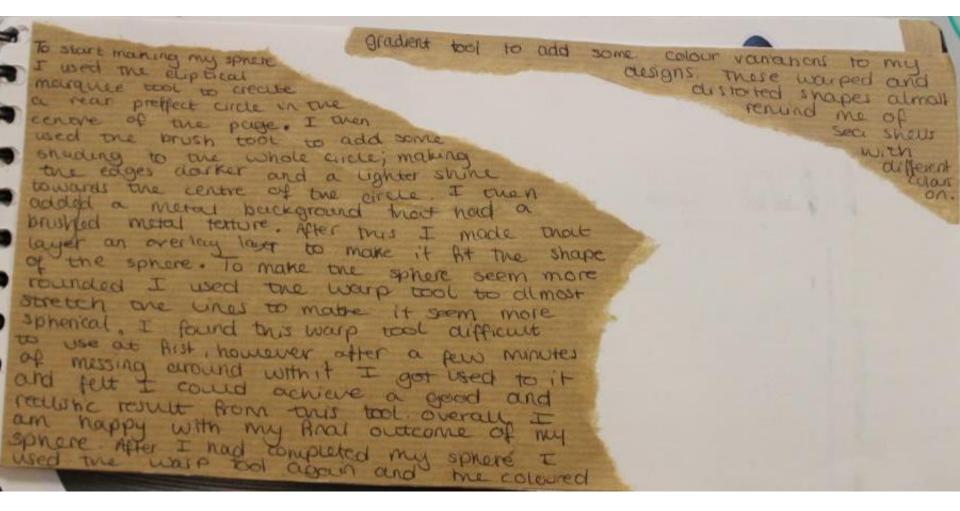


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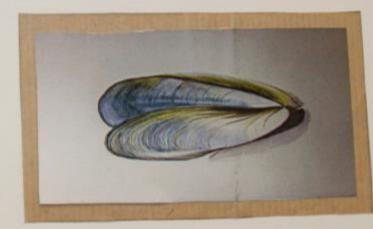
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I found some invages of some shells online that I thought looked quite similar to some of the warped shapes that I made from my sphere... This second image looks to be a drawing of a nuscle that rehunds a me of the stretched out shape that I made from my sphere, that is haved me now your design inspirators can come from onywhere.







Gustave Young Sydney Operah House



Gustave Young was a very intricate engraver who used lots of fine details and delicate patterns in his work. Gustave Young worked on a range of different guns and metals. It is clear to me that Gustave Young is more obsessed by each detail, and the use of spirals and circles are clearly very influential to his work.



He is very different to Peter Roz, not only Because they are in a different line of work But because Gustave Young uses very small Spaces and fills it with fine detailed patterns, However Peter Rice uses very large basic Shapes, with a lot of science and intricate engineering behind the final piece. This is a part of regening work but human bong did on a relativity. I thanks that our not intriving and district part of his engression is the section becaus his referencing is the section

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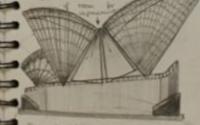






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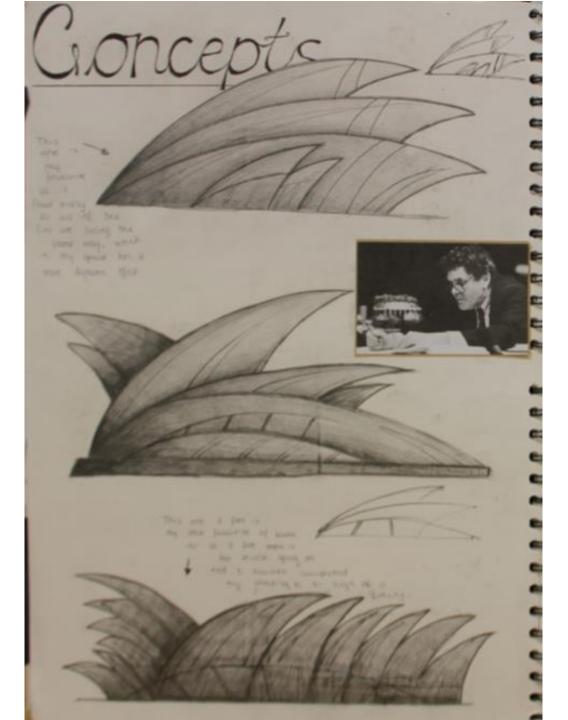
On the other hand, Peter Rice is a much more modern artist as you can see in the roof of the Sydney Opera House which he designed, from a distance these smooth looking pointy shells look like a solid white curve, however as you ca see In the image it uses what looks like small Perforated tiles to help with the curvature.

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In comparison with the work of Gustave Young. Peter Rice's work looks almost like an alien space ship has landed in the middle of Sydney Harbour, Peter Rice's work is also on a much larger scale and is much more expensive, I do not have a favourite between the two artist as they are both very complex and intricate.







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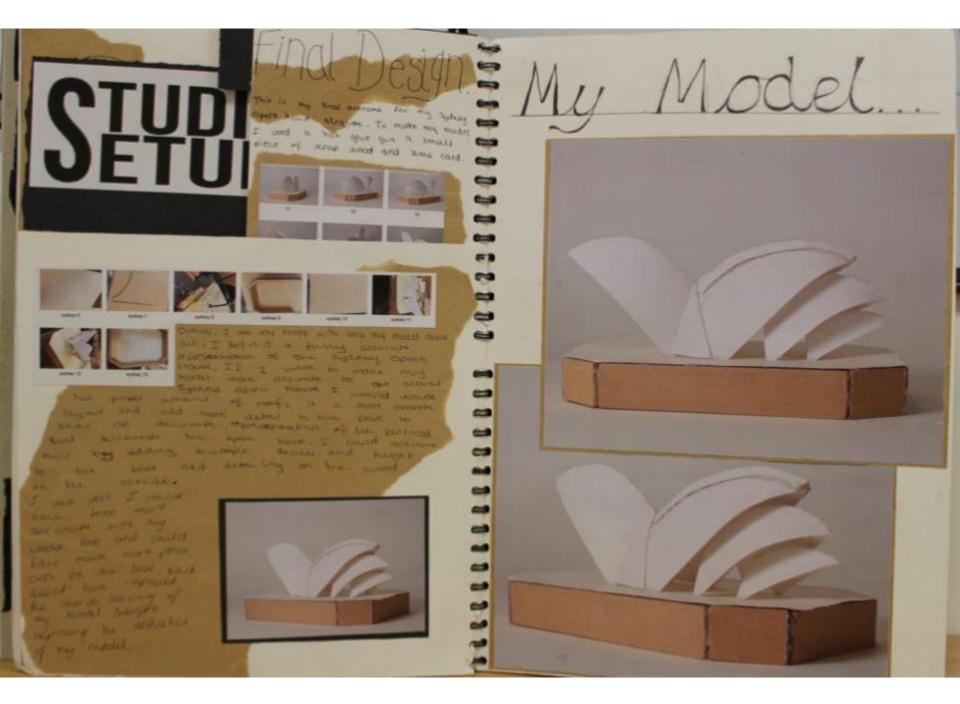






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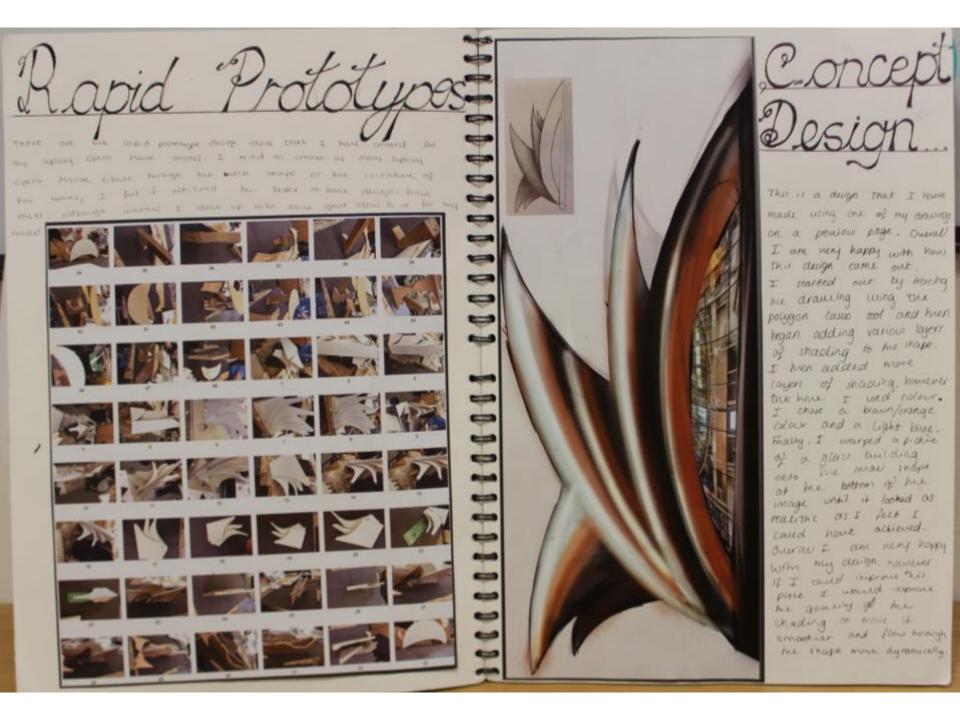
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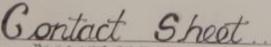
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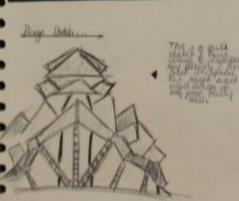


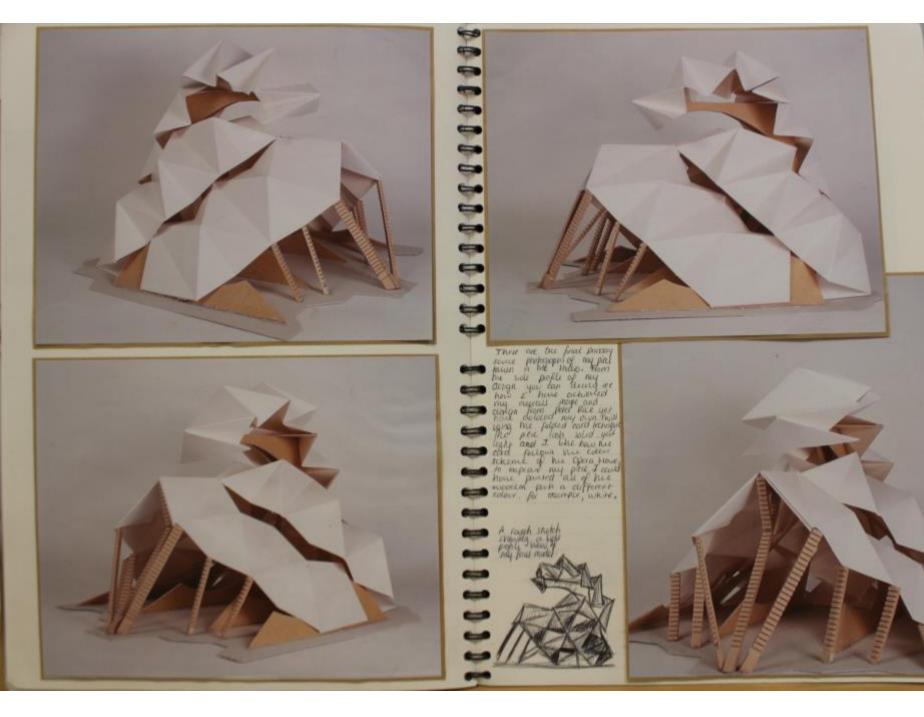
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Evaluation

The aim of the brief was to design and develop a model or Marquette based off of a chosen artist following the theme of structure. I researched two artists; Peter Rice and Gustave Young, I chose Peter Rice because I thought that his design for g Sydney Opera House was a great example of extreme engineering and I could learn a lot about structure because of this. I chose to research Gustave Young as I had some primary source photography of his work from my trip to the Royal Armories. Although I didn't use any engraving in any of my final pieces I still learnt a lot about the delicacy of the art, however I decided that Peter Rice's design was more relevant and appropriate for my project.

I used my research of Peter Rice to inspire and develop my ideas as I based them all loosely on the design and shape of the Sydney Opera House. I found the curvature of the Sydney Opera House roof difficult to replicate through media such as wood and card, however I was successful in creating lots of design ideas. Firstly, I began by creating lots of drawings and sketches varying from the last to achieve new and original ideas. Next I began rendering my drawings on photo shop and refining my pieces adding colours, details and texture. The colours I chose for all of my renderings are bright and out there, however I added them in subtle amounts to add a more dramatic and dynamic effect to my ideas.

For my final niece Lused many different techniques and materials to try and challenge

For my final piece I used many different techniques and materials to try and challenge myself and improve my skills as a designer. I used card mainly in a folded shape to give my model the desired curve from the Sydney Opera House. I then added a wooden support structure made from scrap wood as this was a more ecologically inspired decision. I then added some wooden support rods in an even design to the front of my model to add a nice aesthetic effect, also showcasing my ability to improve my design whilst I'm working on it.

If I were to improve my project I would add some paint to make it all the same colour, therefore adding some consistency to my model, I also would take more care sanding and gluing to make my model of a higher quality and a neater over all aesthetic.

I feel as though I have gained many new skills from this project mainly in how I develop my ideas as I have gained lots of experience in using photo shop and drawing my design ideas, I have learned many different ways and techniques to improve my ideas such as; adding colour, adding shading, using layering techniques and using fine liner and pen to add a dynamic effect to my drawings.