OFCT FEDRAT Evidence of Creativity:

GENERATION OF IDEAS: - EXPLAIN WITY THE IDEA IS CREATIVE & HOW THE IDEA WAS GENERATED: IDEA WAS CREATIVE Due to a number of factors . Something being Mule for some one - Siter & Bother in Law's pergola.

. Very basis in function & roully is great for outdoor setting

, CREATIVE BELOWSE IT IS A GOOD DESIGN-TWO BENCHES SEALING & people & a filed. Late with a good Effective Rathern which is also greater tem just a plain greepleatic tuble & churs.

. Also creative because environmental recycled product-used - Trouted Pine wood- Made to last & abot better them just normal pite.

- DEA WAS GENERATED: . From Researching Design books - whenest - knowing it was being made for my sister & brother in know - sorething to say thinks for everything they had done for me

. Knowing they readed an author setting for the pergela-coming up with idea from Leaking at Designs on Internet Off different John - 2x2 SFAT BEACHER WITH THED TABLE. Tiled also more effective Swith Pattern it would much more of a better set - not dilled.

EXPLORATION OF EXISTING IDEAS! - SHOW EUDENCE OF WHAT YOU DID TO EXPLORE EXISTING IDEAT

First ideas before a filed table was a Maria Table. Locking & focussing on hyper such as circle & octagened. Here I've in churched pictures of designs off the interiest of carrows Maria table some of a Delphin Table Dury of Maria & one docking at my earlier deep den of an extensionalitable & berches. Showing construction & other Alles I word around to shops-firmitare one which had there type of privide experimenting with different measurements, shopes, materials - & different measures shops like ones at these basis, Freedom Furniture, & T&C country finiture.



DECKEE OF DIFFERENCES . DIMONSTRATE HOW YOUR CREATIVE DEAS ARE DIFFERENT FROM EXISTING IDEAS

My existing idea being the Masaic conduct too much time consuming. I musted to do a Pattern & not just break them up. But I thought doing a pattern with little pieces would be too kind even though the dolphin Messic Pattern Looked very interesting.

. My Creative ideas are different from the existing because the gone for a much more simpler & leas the consuming look -still with great effect with the plother.

Also the octayonal table & banches would blow my frances away with the amount of wood meedled. . My Rectangle Suble & benches were just right . Simple but the looking at of Octogonal table & beaches & the investiger ing in different shops did helps.



Picture of table-Pattern is great, where are. great. Me staring & with a Jurrah Finish deys of similar structure to the cotagon -al terble.

(ii) <u>CONSIDERATION OF DESIGN FACTORS RELEVANT</u> TO THE MDP.

COST: This was something very relevant when designing may major project. dooking at cost of by my Muterials was extremely important. Keeping to a budget of \$300 -no more. And in Total & specif \$228.40 so I saved a great deal & got many with very good meetinds at Ouchery price-from the dure - House in Villawood mainly

Ergonomiss: This was extremely important when designing. Knee room under the table, so I had to get measurements right. Experimenting with the over of the table my Brother in daw & sister.

RECYCLARALITY: This wasn't the very important thing I booked at, in the making of my project. I alid though go for a recyclable wood in Kreated pre-good in adaption to the environment. - Durable & a Renewable Resource -bong made to withstand the environment & last.

SAFETY: This very important in making the project. Doing experiments to make sure it an authorial weight & doesn't break. Making sure the tiles are sufe & tiled on properly. Making are it was after where it was going to be placed. - In the pergeta.

QUALITY: QUALITY was extremely in the designing of the MDP. Switing it for long periods getting the benches & table logs mire & smooth - Maing endblacks-dise xinlers, ordikel sanders - circular and; (plane) to get pieced mile & strught. - then working on a high finish. This my Jacoul Stain. Talang doing a ligh quality job Pý 22.

19 19

DURABILITY: This something I was really airing for when unabing the project. Dwaberty - day herry - something which I want my project to forfil. Aming on making strong. Treated fire wood good for this. And in making it doubte + using vary shary svens & bolts to hold the project together Making the structure of it very youd & support it.

Shengthe Very important is my project under Durabably. Trying to rake it very tongin in how many people it can support -benches, including the table in whet is put on - table stong-tiles when it very stong & supportive. Particle Bard under thes very strong \$27 excellent price.

hesthetics: This corring under quality leadly wanting it to look of Tvery type churs, a good prich - a product you would And in the shops & want to buy. That is why I tiled it. If I dicket tile it it would have booked way plan with the particle board - with a Jarrah Frisch. - That is why I tiled it. Find it more of a chellenge, better bodes & alst more interesting. Know at the start of the project I wanted to Morax and the even if make feature which is what I would ding it the start of the project. Jurrah Frisch good on beaches. - & sanding making it dock very smooth & por comfortable to sit on

and it that is many - to dear of the some

is really mill a my promise there is a sign when is

ing These share they string a by weathy job

4

19 23.

(III) RESEARCH, EXPERIMENTATION & TESTING:

Refer to evidence " Creativity in Folio - has point research - tracke cutalogues. . Also has prevous designs that were going to be done - Mosar - datht follow through.

DESIGN IDEAS: - Show how you researched, experimented & koted your original design ideas

.RESEARCHED IDEAL by going to shoped & checking out various dengand & dooling at Siter & bother on law's perfet by doing all the made up Measurem rests of table, benched & files needed. By experimenting this & refer back to (Evidence of crashing under project development). - & by all this I came up with Simple reconversants & design inters. -Stats of wood for beach RO on each - 33 cm wide - backed 42 cm High. 3 cm theke - going across 3 cm thick. -Table - 120 × 90 - 10 cm cat off with circular saw of these 20x RO on, degs This on doing 71 cm distance for ground. 120 cm by table 83 cm ander serve of by copler of shapes & just recovering. Toperantify that the table last file of long. All Measurements contained & raile up by copler of shapes & just with the barches - doing this and, Testing 17 cm with the perfolic with the barches - doing this and, Testing 17 cm with the perfolic with the barches - doing this and, Testing 17 cm with the way the.

terearching a number of tables seeing which shape supported well enough.

cambed and ,

(sure time on each bach)

ley	1	( Ent of	Kunt	Wethstore	by freight
istbourch Loca and beach	Sister Knot Reom	Kas Ram	the	Sister	Brile - In
	Den	17 cm.	and a second	1 60 hg	Ar hy
	21 4	15 cm	ant 1	- Curry	-Eway By -AChy
			ð.r	ch 2 Pas H	By Does 14 (uninoughy -not seed.

## (III) RESEARCH EXPERIMENTATION & JESTING :

the project experimenting the at singer.

Another Experimentation & kot done was how much thed tobe to per und how. Shopes of write, outagend, or rectangle. RECTANGLE HERE CAPARYING OUT MORE WEIGHT TESTING AT MANY SHOPS-& CETTING CANIONS OF EXPERTS.

. Another exponent was that the pertile bound could support before wight and pet on it. This was done wide ease. Showing how strong the particles in bound railing was - Fatrenely stong is with standing Placing 20 kg - & going heavier - holding with ease.

MATERIALS: Describe the experiments & tests you conducted to determine the most appropriate nuterals for your MDP. I experimented with a number of Materials in Ney MDP. Manit roully sure at the steerest of I was going to go with theated pice. But I experimented seeing terpines & which would was surges.

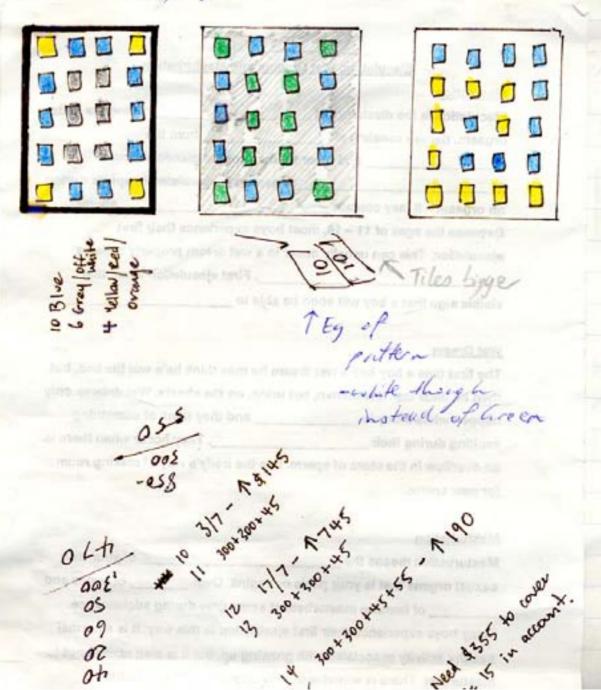
Territes	MDE	PINE	TREATED PINE	June 1	1003
-Projette	Wit cohenely shary	Not very	Treated And These & Barches at they - very serving	Jay.	ph: 11h
" An again	Sayak J	sema-tice.	- burgersting three burgersting the 62	a cur	

Experimenting with woods weens the goods & hads MDF: Didn't adapt well to the environment -bad for walth -not with resistant. PINE: was not storingly water descent, descrit adapt as well to environment. Show bush & defects in the wood. Treated PINE: The way the best - white Resistant adapt's well to environment, double wood . long lasting, inseed reastant so invest cent bits into wood & very styong.

Py 25

Mr. 3-million

To the table it was simple. Knowy tike were on the last. Experimenting with my sister I brokker in law finding and pattern X colour rally suited them. The Jurrach Fingh the best finish - checking out many projects which had that sout of finish. -Particle board - being a good base I is needing anything shower will neith - hood every for Me. - had had bed for design





TOOLS : - DESCRIBE EXPERIMENTS & TESTS YOU CONDUCTED TO DETERMINE THE MOST APPROPRIATE TOOLS TO USE FOR YOUR MOP! -Many Tools well - Roop, work beach, Mitre Lox, hand sawr, soon driver concleas shills, electric drill, circular surgerbital sunder, such paper black, disc Sandler, drop saw , plane. - One's that were the toughest to decide on when the was sanding. Mbe be & work bench well at home. Wherea's wice used at school. Electric sur much more quiker, lofficent & accord then hand some. When scanding though it was hered. I headed something with a good finish remick to we

pg 26.

Tests due of carious tools.

	elastic/ circulat	erbited jarder	dise.	drop -	plane.
-hood friend	-genang	- Lord Anish-			Good finch - an take
Sund quick	ever - yett mig-	enterrely evenient total too	Good	leys Surger	roully like it berows
1-	gris.	when when	too make	3000	not the best terr
weit	Jul A	to met	2 Lund	quick	y packet c didn't
	Sta 1		to stayi	-unt	" grew tor!

clock all Tools. But ones are one ticked at the lotton of tedete.

Techniques: - Describe the experiments & tests you conducted to determine the most appropriate techniques (constrained or provides) to use for your MDP:

Tooly wise	Materials	
Olute sudpoper	Treater Pine	
- electric/Conduc	-Justiche	resting all
- this made	somel.	with experiment
I The formation of the second	-20 x20 cm	in prfilhert.
- electric drill	+3	en portine a







## HSC 2002 – Design and Technology

Major Design Project

Band 3/4 Sample 3



PRODUCT



detail 1

- consideration of a range of design factors is evident, and well described CLICK TO VIEW (P5 & 6), and clearly relates to the development of the product.
- research, experimentation and testing is based on design factors eg ergonomics. CLICK TO VIEW (P7)
- investigation of a range of materials is evident in both the folio and the product. CLICK TO VIEW (P8)
- good design practice is evident in the range of sketches, calculations, and application of ergonomic theory.
- the student has shown evidence of effective time management in a well finished, quality Major Design Project.



detail 2