Date: 2 5ep 2024

Grade: 6

Explain and justify the need: To graph to the products: Comtotable evel e	1/2	NATIONAL SO	<u>Waja</u>	. +	11 1 4	nunita	at a	1
Identify and prioritise the research: Benchmark table Shopes, sizies, colours Styles, humber of part, This Mortan, cosh inard to	Ex	Explain and justify the need: To enable to write at a						
Benchmark table Shopes, sizies, colouis Sign Strandwatness appertunt tices Styles, humber of part, materials Moden & construction and erial and heights This Moden & construction and services and and the result of the services and services	1	contotable levels.						_
Develop a design brief of part, This sugar It can It is strong on side in the Expressive This sugar It can It is strong on side in the Expressive This sugar It can It is strong on side in the Expressive This sugar It can It is strong on side in the Expressive This sugar It can It is strong on side in the Expressive The sugar It can It is strong on side in the Expressive The sugar It can It is strong on side in the Expressive The sugar It can It is specific. The sugar I	Ide							na
Develop a design brief of part, This sugar It can It is strong on side in the Expressive This sugar It can It is strong on side in the Expressive This sugar It can It is strong on side in the Expressive This sugar It can It is strong on side in the Expressive This sugar It can It is strong on side in the Expressive The sugar It can It is strong on side in the Expressive The sugar It can It is strong on side in the Expressive The sugar It can It is specific. The sugar I	P	Benchmark table 7						u.
Develop a design brief of part, This sugar It can It is strong on side in the Expressive This sugar It can It is strong on side in the Expressive This sugar It can It is strong on side in the Expressive This sugar It can It is strong on side in the Expressive This sugar It can It is strong on side in the Expressive The sugar It can It is strong on side in the Expressive The sugar It can It is strong on side in the Expressive The sugar It can It is specific. The sugar I		Change 013100 Calouten Telrontel mars Angertain threats						rin
material and heights This one are interested to be considered that are undersored to be considered that are undersored to be considered to the design? Develop a design brief Should DTts mesurements should be expected to be considered that are undersored to be considered? What are are also have the considered? Develop a design specification: Aesthetics = The color will be black. The pattern will be checkboard. Measurable Realistic Cost = Making cost is \$20. The salling, cost is \$30. Customer as before. They should be 22-3 years old revier the environment for surface and vood. There are no color will be substantially be sustained, must be substantially be sustained. The salling is and it can be substantially be sustained. The salling is and it can be substantially be sustained. The salling is and it can be substantially be sustained. The salling is a material constant and so and we have every molecular from the salling cost is the way are marked by the a material constant are substantially affect the salling cost is the marked as the larged work age, product so considering cost? Softy = This very sata. Size the substantial salling cost is the salling cost in the salling cost? If the a material constant are the salling work age products are not all the salling cost? Another are walked? What a salling cost is the salling cost? What are salling cost is considered? Develop design ideas:		This Morden & Coop Expression						
Develop a design brief Should 2 Tts me surement should be possible expective. It is shipt as persisted the expective of have for table in it expective. It is shipt as persisted the expective of have a cup on side in it expective. It is shipt as persisted in it expective. It is shipt as persisted in it expective. It is shipt as a consideration of the expection of how will be check boord. Measurable achieves the environment of the side of the expection of th		Strong tables with to clean						an
Develop a design brief Should are stored to be considered? What antiroponetic data reeds to be considered? What antiroponeti	1,							
Develop a design specification: Aesthetics = The color will be black. The pattern will be check board Measurable Achievable Realistic Testable Customer Job People. They should be 2a-30 years old male Customer Job People. They should be 2a-30 years old male Customer Job People. They should be 2a-30 years old male Customer Job People. They should be 2a-30 years old male Realistic Testable Testable Testable Manfacturing = Mica and vood. There are no limitation. In more den day it will be some male in the season of the color of the male in the season of the color of the color of the color of the male in the color of the male in the season of the color of the male in the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the season of the considered? What is the season of the used? How will the be considered? How and season of the used? What is all the product be stored? How will the design of the used in the considered? What and incorporate into the design? Function What is used to was designed where will the product be stored? How will the design of the used in the considered? What and incorporate into the design? Develop design ideas:		strong bac side of some Exprise						, ue
Develop a design specification: Aesthetics = The color will be black. The pattern will be check board Measurable Achievable Realistic Testable Customer Job People. They should be 2a-30 years old male Customer Job People. They should be 2a-30 years old male Customer Job People. They should be 2a-30 years old male Customer Job People. They should be 2a-30 years old male Realistic Testable Testable Testable Manfacturing = Mica and vood. There are no limitation. In more den day it will be some male in the season of the color of the male in the season of the color of the color of the color of the male in the color of the male in the season of the color of the male in the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the season of the considered? What is the season of the used? How will the be considered? How and season of the used? What is all the product be stored? How will the design of the used in the considered? What and incorporate into the design? Function What is used to was designed where will the product be stored? How will the design of the used in the considered? What and incorporate into the design? Develop design ideas:		It is you can you can I tis						al)
Develop a design specification: Aesthetics = The color will be black. The pattern will be check board Measurable Achievable Realistic Testable Customer Job People. They should be 2a-30 years old male Customer Job People. They should be 2a-30 years old male Customer Job People. They should be 2a-30 years old male Customer Job People. They should be 2a-30 years old male Realistic Testable Testable Testable Manfacturing = Mica and vood. There are no limitation. In more den day it will be some male in the season of the color of the male in the season of the color of the color of the color of the male in the color of the male in the season of the color of the male in the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the male in the season of the color of the season of the considered? What is the season of the used? How will the be considered? How and season of the used? What is all the product be stored? How will the design of the used in the considered? What and incorporate into the design? Function What is used to was designed where will the product be stored? How will the design of the used in the considered? What and incorporate into the design? Develop design ideas:								/Si
Develop a design specification: Aesthetics = The color will be black. The pattern will be check boord. Measurable Cost = Making cost is \$70. The selling, cost is \$80. Customer = 100 beople. They should be 22-30 years old, male Environmental considerations and it can eastly be sustained, Manufacturing = Mica and vood. There ore no limitatiph. In moriden day it will be some minipted and activities and consider appearance, style, colour, shaperform, texture, pattern, finish, layout. Manufacturing = Mica and vood. We have every moder ad. Scatty = It is very satc. Cost Is there a maximum cost? Is this a material constituen coststealing cost? Cost Is there a maximum cost? Is this a material constituen coststealing cost? Cost Is there a maximum cost? Is this a material constituen coststealing cost? Cost Is there a maximum cost? Is this a material constituen coststealing cost? Cost Is there a maximum cost? Is this a material constituen coststealing cost? Cost Is there a maximum cost? Is this a material constituen coststealing cost? Cost Is there a maximum cost? Is this a material constituent cost. Cost Is there a maximum cost? Is this a material constituent cost. Who is to for What is the larget user's age, gender, socio-economic back. Cost Is there a maximum cost? Is this a material constituent cost. What it must do? What is the jurgose? Where will the product be stored? How with the design directly or indirectly affect. Environmental considerations where will the subtion be used? How will the design directly or indirectly affect. Materials where will are on incorporated into the design? Are there are a propentic size that need to be considered? What anthropometric data needs to be considered?	De	Develop a design brief 1 + 5 hould have to priege.						ng
Develop a design specification: Aesthetics = The color will be black. The pattern will be check boord. Measurable Cost = Making cost is \$70. The selling, cost is \$80. Customer = 100 beople. They should be 22-30 years old, male Environmental considerations and it can eastly be sustained, Manufacturing = Mica and vood. There ore no limitatiph. In moriden day it will be some minipted and activities and consider appearance, style, colour, shaperform, texture, pattern, finish, layout. Manufacturing = Mica and vood. We have every moder ad. Scatty = It is very satc. Cost Is there a maximum cost? Is this a material constituen coststealing cost? Cost Is there a maximum cost? Is this a material constituen coststealing cost? Cost Is there a maximum cost? Is this a material constituen coststealing cost? Cost Is there a maximum cost? Is this a material constituen coststealing cost? Cost Is there a maximum cost? Is this a material constituen coststealing cost? Cost Is there a maximum cost? Is this a material constituen coststealing cost? Cost Is there a maximum cost? Is this a material constituent cost. Cost Is there a maximum cost? Is this a material constituent cost. Who is to for What is the larget user's age, gender, socio-economic back. Cost Is there a maximum cost? Is this a material constituent cost. What it must do? What is the jurgose? Where will the product be stored? How with the design directly or indirectly affect. Environmental considerations where will the subtion be used? How will the design directly or indirectly affect. Materials where will are on incorporated into the design? Are there are a propentic size that need to be considered? What anthropometric data needs to be considered?	WIt should 2 The mexurement should be							
Develop a design specification: Aesthetics = The color will be black. The pattern will be check boord. Measurable Achievable Realistic Cost = Making cost is \$20. The selling cost is \$80. Customer Sob people. They should be 20-30 years old, male Customer Sob people. They should be 20-30 years old, male Environmental considerations The mass it will not offect, the environmental considerations The mass it will not offect, the environmental considerations Testable Machacturing = Micaend vood. There are no limitation Donorden day it will leave some Malufacturing Micaend vood. There are no limitation Donorden day it will leave some Malufacturing Micaend vood. There are no limitation Donorden day it will leave some Malufacturing Micaend vood. There are no limitation Donorden day it will leave some Malufacturing Michael Consider appearance, style, colour, shapendom, texture, pattern, finish, tayout. Aesthetics Consider appearance, style, colour, shapendom, texture, pattern, finish, tayout. Aesthetics Consider appearance, style, colour, shapendom, texture, pattern, finish, tayout. Aesthetics Consider appearance, style, colour, shapendom, texture, pattern, finish, tayout. Aesthetics Consider appearance, style, colour, shapendom, texture, pattern, finish, tayout. Aesthetics Consider appearance, style, colour, shapendom, texture, pattern, finish, tayout. Malufacturing Wide resources are available? Are there limitations as to how this can be created? How much time is needed to create the design? Materials What materials are available? What properties do the materials need to have? Materials What materials are available? What properties do the materials need to have? Materials What materials are available? What and thropometric data needs to be considered? What thuman factors' need to be considered? What thuman factors' need to be considered? What thuman factors' need to be considered? What an anthropometric data needs to be considered? What thuman		The state of the s						
Develop a design specification: As the tics = The Color will be black. The pattern will be check boord Measurable As the tics = The Color will be black. The pattern will be check boord Measurable Cost = Making cost is \$70. The selling cost is \$80. Cust omer = Job people. They should be 2a = 30 years old, male Realistic Testable Realistic Testable Function = It must holds utensils and it can easily be sustained. Manfacturing = Micaerd vood. There are no limitation in more dein day it will back some Moterials = Micaerd vood. There are every moterial. Satty = It is very sata. Size = Toble, height is 60-9cm and 80 mand 140 manfacturing with resources are available? Are there limitations as to how this can be created? How must fine is needed to create the design? Manufacturing with resources are available? What properties do the materials need to have? What it is for? What is the target user's age, gender, socio-economic back-ground? Environmental considerations where will the solution be used? How will the design directly or indirectly affect the environment? Function What it must do? What is the product be stored? How easily can it be used/maintained? Develop design ideas:	balda is a sould be able to purite confolible							9: 1 7.
Achievable Cost = Making cost is \$70. The selling cost is \$80. Cost = Making cost is \$70. The selling cost is \$80. Customer = Job beople. They should be 2a-30 years old, male Environmental to no side attention = In homes it will not affect the environmental. Function = It must holds utensils and it can easily be sustained. Manfacturing = Mica and vood. There are no limitation in molden day it will be some Moleticls = Mica and wood. We have every moler. at. Satiy = It is very sata. Size = Toble, height is 60-8cm and 80 mand 40 mand er. ad. Aesthetics Consider appearance, style, colour, shapedrom, texture, pattern, finish, layout. Manufacturing Who it is for? What is the target user's age, gender, socio-economic back- ground? Environmental considerations Where will the solution be used? How will the design directly or indirectly affect the environment? Function What it must do? What is the product be stored? How easily can it be used/maintained? Develop design ideas: Achievable Realistic Testable What if environmental in must do and it will not affect the environment? Materials Manufacturing What affect serve are available? Are there limitations as to now this can be created? What must must be readed to create the design? Materials Materials What safety factors need to be incorporated into the design? Size Are there any specific sizes that need to be considered? What anthropometric data needs to be considered?	Specific							
Function = It must holds utensits and the manifest of the materials are available? There are no limitation. In more deep day it will take some minits to manifest the function mental considerations. Function = It must holds utensits and the form of limitation. In more deep day it will take some minits to manifest the function and the form of limitation. In more deep day it will take some minits to manifest the function and the function of limitation. In more deep day it will take some minits to manifest the function and the function of limitation. In more deep day it will take some minits to manifest the function and the function of limitation. In more deep day it will be a some minits to manifest the function and the function of limitation. In more deep day it will be some more function. In more deep day it will be some more function. In more deep day it will be some more function and the function of limitation. In more deep day it will be some more function and the function of limitation. In more deep day it will be some minitations as to how this can be created? How much time is needed to create the design? Materials what materials are available? What properties do the materials need to have? What is afety factors need to be incorporated into the design? Size Are there any specific sizes that need to be considered? What thuman factors need to be considered? What anthropometric data needs to be considered? What anthropometric data needs to be considered? What anthropometric data needs to be considered?								
Function = It must holds utensits and the manifest of the materials are available? There are no limitation. In more deep day it will take some minits to manifest the function mental considerations. Function = It must holds utensits and the form of limitation. In more deep day it will take some minits to manifest the function and the form of limitation. In more deep day it will take some minits to manifest the function and the function of limitation. In more deep day it will take some minits to manifest the function and the function of limitation. In more deep day it will take some minits to manifest the function and the function of limitation. In more deep day it will be a some minits to manifest the function and the function of limitation. In more deep day it will be some more function. In more deep day it will be some more function. In more deep day it will be some more function and the function of limitation. In more deep day it will be some more function and the function of limitation. In more deep day it will be some minitations as to how this can be created? How much time is needed to create the design? Materials what materials are available? What properties do the materials need to have? What is afety factors need to be incorporated into the design? Size Are there any specific sizes that need to be considered? What thuman factors need to be considered? What anthropometric data needs to be considered? What anthropometric data needs to be considered? What anthropometric data needs to be considered?	Customer = 10 b people. They should be 20-30 years old, male Realistic							-
Modericls - Mic a and wood we have every moderal. Satisfy = It is very sata. Size = Toble height is 60 - 8cm and 80 mand 140 metal. Aesthetics Consider appearance, style, colour, shape/form, texture, pattern, finish, layout. Cost Is there a maximum cost? Is this a material cost/time cost/selling cost? Customer Who it is for? What is the target user's age, gender, socio-economic background? Environmental considerations Where will the solution be used? How will the design directly or indirectly affect the environment? Function What it must do? What is its purpose? Where will the product be stored? How easily can it be used/maintained? There are every moderal. Manufacturing Manufacturing who it is for? And weth. What resources are evailable? And there limitations as to how this can be created? How much time is needed to create the design? What materials are available? What properties do the materials need to have? Safety What safety factors need to be incorporated into the design? Size Are there any specific sizes that need to be considered? What human factors need to be considered? What anthropormetric data needs to be considered? What anthropormetric data needs to be considered? Develop design ideas:	Function = It must holds utensils and it can easily be sustained. Testable							mini
Size = Toble helight is 60 - 8 cm and 80 mand 140 cm height and weth. Aesthetics Consider appearance, style, colour, shape/form, texture, pattern, finish, layout. Cost Is there a maximum cost? Is this a material cost/lime cost/selling cost? Who it is for? What is the target user's age, gender, socio-economic background? Environmental considerations Where will the solution be used? How will the design directly or indirectly affect the environment? Function What it must do? What is its purpose? Where will the product be stored? How easily can it be used/maintained? Manufacturing What resources are available? Are there limitations as to how this can be created? How much time is needed to create the design? Materials What materials are available? What properties do the materials need to have? Safety What safety factors need to be incorporated into the design? Size Are there any specific sizes that need to be considered? What 'human factors' need to be considered? What anthropometric data needs to be considered? What anthropometric data needs to be considered? Develop design ideas:	N\	Mantacturing = Mica and vood. There are the trilly after. (1) motors						
Aesthetics Consider appearance, style, colour, shapeform, texture, pattern, finish, layout. Cost Is there a maximum cost? Is this a material cost/time cost/selling cost? Customer Who it is for? What is the target user's age, gender, socio-economic back-ground? Environmental considerations Where will the solution be used? How will the design directly or indirectly affect the environment? Function What it must do? What is its purpose? Where will the product be stored? How easily can it be used/maintained? Manufacturing What resources are available? Are there limitations as to how this can be created? How much time is needed to create the design? What resources are available? What time imitations as to how this can be created? How much time is needed to create the design? What resources are available? Are there limitations as to how this can be created? How much time is needed to create the design? What resources are available? Are there limitations as to how this can be created? How much time is needed to create the design? What resources are available? Are there simitations as to how this can be created? How much time is needed to create the design? What resources are available? Are there survival the imitations as to how this can be created? What properties do the materials need to have? Safety What safety factors need to be incorporated into the design? Size Are there any specific sizes that need to be considered? What 'human factors' need to be considered? What anthropometric data needs to be considered? What anthropometric data needs to be considered? Develop design ideas:	5	1 5011112 71						
Asathetics Cost Is there a maximum cost? is this a material cost/ime cost/selling cost? Cost Customer Who it is for? What is the target user's age, gender, socio-economic back-ground? Environmental considerations Where will the solution be used? How will the design directly or indirectly affect the environment? Function What it must do What is its purpose? Where will the product be stored? How askiy can it be used/maintained? Develop design ideas: As the analysis are available? What safety factors need to be incorporated into the design? Safety What safety factors need to be considered? What anthropometric data needs to be considered? What anthropometric data needs to be considered? Develop design ideas:	2	12e= Toble	height is 60 - 8c	n and 80 mand	lavout Manufacturing		limitations as to how this	D
Customer Who it is fo? What is the target user's age, gender, socio-economic back-ground? Environmental considerations Where will the solution be used? How will the design directly or indirectly affect the environment? Function What it must do? What is its purpose? Where will the product be stored? How easily can it be used/maintained? Develop design ideas: Ace a Ac	100000000000000000000000000000000000000	etics				can be created? How much time is neede	d to create the design?	e۷
Environmental considerations where will the solution be used? How will the design directly or indirectly affect the environment? Function What it must do? What is its purpose? Where will the product be stored? How easily can it be used/maintained? Develop design ideas: Safety What safety factors need to be incorporated in the design directly or indirectly affect the environment? Size Are there any specific sizes that need to be considered? What anthropometric data needs to be considered? What anthropometric data needs to be considered? Develop design ideas:	Custo		ground?				ted into the denimal	/e
Function What it must do? What is its purpose? Where will the product be stored? How easily can it be used/maintained? Develop design ideas: A laca 2 Oeasy O O Oeasy O Oeasy O Oeasy O Oeasy O Oeasy O O O O O O O O O O O O O	Enviro	onmental considerations	Where will the solution be used? the environment?	How will the design directly or indirect				
Develop design ideas: Idea I	Functi	ion	What it must do? What is its pur easily can it be used/maintained	oose? Where will the product be stored?		"human factors" need to be considered?	What anthropometric	p <u>i</u>
Idea 7 Idea 3 Idea 3	Develop design ideas:							DG ,
CALL CALL CALL CALL CALL CALL CALL CALL		Idea-	1	Idea	7-	10/00	3	d
		(OCC W				(XED		eag
		1		1				S)
			1					
	1							

Design Cycle Worksheet

agula

Name:



Design Cycle Worksheet

Date: Name: Orya Grade: Present the chosen design: Smart table Smarty percilholder Nolye1 massa ge (s Developing Ideas SScm Bookshelt

cep lere = - . - . -