

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
	<p>The Poly propylene tool hooks are suitable as they come in a variety of colours this means you can easily identify the tool hooks as they come in a bright red colour standing out / contrasting the dark black</p>
	<p>The mild steel side panels are suitable as they are durable this means they can withstand things wear and tear if it bumps into things</p>
	<p>The Abs shelves and handles are lightweight meaning the tool trolley is lighter so it can more easily be stored or carried to be then transported into storage or up a flight of stairs for example</p>

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
10	
	rotational molding for the for the table
	of tubular ^{stainless} steel frame is appropriate
	as tubular ^{stainless} steels are hollow and so to is
	rotational molding for hollow rod
	Injection molding
	press forming
	press forming
	bending
	drawing and blanking

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
0	

function has influenced the design of the trolley as things can be stored on it due to the multiple shelves.

function has also influenced the design of the trolley with the wheels allowing it to be easily transported around.

The hooks on the tools trolley also gives for additional storage for items that can attach.

The barrier on the medical trolley also means staff cannot fall off or fall over.

Another is the 360 swivelling wheels that allow it to be moved around more easily.

① ~~Standard components~~
using standard components ~~means~~
means it is very cheap and ~~can~~ you
get an extremely high amount of
the component, and cheaper than
you yourself making them

it also means it will have
been through quality assurance mean
its reliable as you can almost
guarantee every components made
correctly to a relatively high standard

② Physical modeling allows you to
gather information on sizes and
anthropometric data for your product
if you do a scale model.

Physical modeling can also help you
better visualise the design in 3D
and from a lot more different angles

ENTER NUMBER OF QUESTION		DO NOT WRITE IN THIS MARGIN
	<p>it can also help with idea generation if when you make the model you see room for improvement where you add something on or sparks new idea in your head to further develop your design</p>	
①	<p>ABS and it would be suitable as it is very strong yet light weight therefore has a good strength to weight ratio meaning it won't be too heavy for the user. it also comes in a variety of colours this means it can be blue like shown in the image provided. It is also very strong and durable meaning if a crash was to happen it would keep the users head protected and its durability means it can be used again. ABS is also</p>	

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
	light weight it allowing the user to feel comfortable and not weighed down while wearing it
2b	the target market need to know it will 100 percent keep them protected in the case of a crash
	it must be comfortable cause it will be left on for long periods of time

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
30	

one advantage of an open brief is,
An open brief allows the designer to have more creative freedom in the design process as it's less specific

one dis advantage of an open brief is it might not ~~fit~~ fit to the clients needs if they didn't specify previously

Product design specification allows the designer to stick to the brief easier knowing what he should and shouldn't do also gives him a more specific list of the clients needs and wants

ENTER NUMBER OF QUESTION DO NOT WRITE IN THIS MARGIN

② Morphological analysis is one idea generation technique where you create a table with columns with different ideas in them and you by drawing randomly select different ones to then create a random design

Theme	Element of play	Colour scheme	
200	ball	red white and blue	= 200 drawings bright colours
Space	drawing	bright colours	
beach	Puzzle	yellow, purple green	

another would be Brain Storming this is a group task where a group of designers get together and create ideas discarding the bad ones and keeping and expanding on the good ones. The good ones will be transferred to create a design

ENTER
NUMBER
OF
QUESTION

DO NOT
WRITE IN
THIS
MARGIN

① Graphic techniques such as CAD/CAM are used in the design technique to further show your product and give you a clearer image of what it may look like eg you can see it in 3d and also visualise it from alot of different angles.

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
10	
Celebrity indorsements mean you get someone in the public image (gamous) to publicly promote your product	
another would be BOGOF deals (buy one get one free) or a discount on your product meaning it's cheaper so people are more likely to buy it.	
another would be advertisement for example on Bill boards, TV, and the radio by showing adverts for your product it means more people see it and know of it	

ENTER
NUMBER
OF
QUESTION

DO NOT
WRITE IN
THIS
MARGIN

⑥ Produce add ons for the product
~~at each~~ which will increase sales

another is have discounts or
BOE OF deals to get more
people to start buying the
product

ENTER
NUMBER
OF
QUESTIONDO NOT
WRITE IN
THIS
MARGIN

20 Anthro pometrics influanaced the design of the air fryer with the ~~diameter~~ diameter of the handle in relation to avrage grip size

Anthro pometrics also influanaced the design of the air fryer with the ~~size~~ width of the buttons to ~~fit~~ width of finger tips

~~The~~ physiology influanaced the easy of closing for the cupboard door so it's not to heavy and stiff so it can easily be closed

~~The big silver~~

physiology ~~with~~ influanaced the big silver button as it is a bright silver that contrasts the black meaning it can easily stand out so users know to interact with that button.

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
	Physicalgy also helped influenced the design with the buttons being easy to press easy
	Another way physiologgy →

①	means no one can rip you off and steal your idea or product giving you more protection over your product
---	--

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
②	Flame test - Seeing if its flammable and depending on the material what color the flame would turn
	float test to see if it would sink or float in water

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
10	
if the product is hollow	
the part in which it had stuff	
blown in from the blow	
injection marks	

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
9	
Gantt Charts are a table that	
highlight what needs to be done	
on WHEN helping you stick	
to deadlines and costs and	
helps Project Manager over see it	
(Pit) is a Japanese method when	
you	

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
①	One consideration the design team could of made was reusing left overs and recycled products to make there design one of wjch - would be chip board