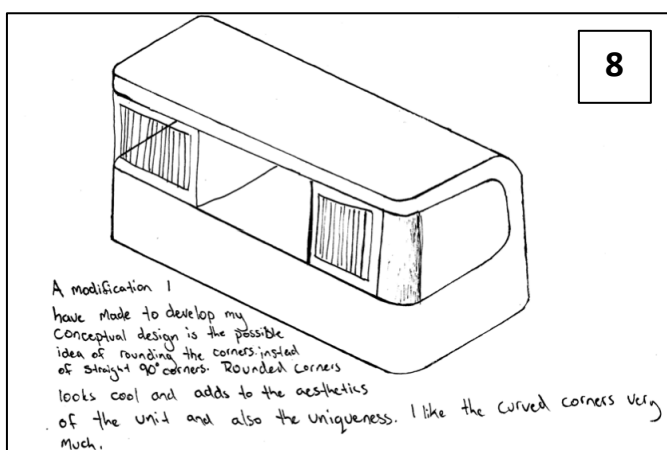


6

"I like design sketch 4 a lot. It is modern looking, it is long and quite slender, I especially like its original curve at the back, although are you sure you want to laminate and then bend it? Other than that it looks like a challenge to construct but with help from your teacher I believe it will be cool to make. If you decide to make this product I suggest you use mitre joints with the biscuit gun and industrial glues so that the joints are clean and can hardly be seen. Also Perhaps instead of laminating wood and bending it 90 degrees why not just get two sheets of nice looking wood and attach them to a piece of wood that has slots for each one coming in perpendicular to each other and then a curved back. This will make the back wall to top curved and with the illusion it is one piece of curved wood. This piece of wood that attaches these two sheets together will be hidden on the inside of the unit so it will not be seen."

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5 RESEARCH PLAN

THE FOLLOWING AREAS WILL NEED TO BE RESEARCHED TO ENSURE MY PRODUCT IS FIT FOR PURPOSE.

- **Materials:** Cost, Availability, Suitability, Sizes, Structural Integrity.
- **Environment:** Investigate the situating place of the storage product. E.g. What is the shape of the room, Colours, Re-occurring themes of the room.
- **Joints and Fastenings:** Knobs, Handles, Drawer Runners, Hinges, Shelf pegs, Legs or Feet, Wheels.
- **Aesthetics:** Colours, Existing designs, Themes, Stains, Paints, Sizes / Dimensions, Shapes.
- **Electronic Devices:** Sizes, Shapes, Safety Precautions, Cords, Manufacturers guidelines.
- **Workshop Machinery:** Safety, Operational knowledge, Function.
- **Stakeholders:** Appropriate stakeholder, someone with genuine experience with storage products and good opinions.
- **Time:** Must ensure that the product can be completed by the end of term three.

CONCETUAL STATEMENT

As a result of the number of electronic devices I use in my home entertainment, a need for a storage product that is attractive yet functional to house them all is required. I have an opportunity to develop a unique product that addresses this issue, specific to the needs of an individual (me) and my family.

SPECIFICATIONS 9

- The storage product must:
- Hold a xbox (520x490x480), games & DVDs (192x136x16), PSP (74x164x20), PSP games (180x100x16) and PSP speaker (190x78x40)
 - Allow for cords to be concealed out of site using inconspicuous outlets at rear of storage product
 - Be durable to withstand everyday use
 - Finished to a high standard using mitre and butt joints and biscuit and glue to maintain product integrity while not compromising aesthetic value
 - Apply white paint to hide wood joins to make fit for purpose
 - Be unique and original in shape
 - Compliment the main stakeholders (me) room in which it will be situated
 - Stakeholders (V, H and teacher) must be consulted throughout all design and manufacture stages of the product to ensure its fit for purpose
 - My storage product must be designed so that it can be manufactured using the tools I have researched and are available within the school workshop with assistance from the teacher
 - My storage product must comply with any legal or moral requirements and state any warnings or safety messages that a user may need to be aware of
 - My storage product must be constructed predominantly of white melamine coated wood
 - The storage product must be 1200mm in length, 450mm in depth and 500mm in height
 - The total cost of all material must not exceed \$75
 - The storage product must be completed by end of term 3