

Clarifies the intent of the major project by explaining what is to be achieved and why.

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## Statement of Intent

- The product that plan on making is an octagonal cabinet that serves a purpose of accommodating an octagonal aquarium.
- The intended target market in this project is myself, thus the project meets the needs of the target market as I have designed and developed the product in order to set my set of circumstances.
- The project will be used as a piece of decorative furniture as well as accommodate an aquarium. The project will stand vertically in the corner of my hallway where it will be an attractive furniture piece. The aquarium will sit vertically on the base of the cabinet, with the hood of the cabinet being placed on the top of the aquarium. The doors and drawers in the base of the cabinet will be used to store the snippets that are required to maintain an aquarium.
- The materials that I intend to construct this project all need to be investigated. These include various timber types that I may choose to use as well as the sizes of standard aquariums. Also the strength of the timbers will play an important part in the final choice, as there will be an incredible amount of weight on the base cabinet. Other designs will be investigated in order to design the best final product.
- These materials will be investigated through various sources such as the Internet, books and encyclopedias. The research on the aquarium and other designs may be carried out by visiting aquarium specialty stores and taking photos and notes on the styles, sizes and shapes. This may also be done through brochures, the Internet and magazines.
- The limitations of this project include time, spaces, tools and design. The time limitation may result in construction time being shortened and certain areas sped up in order to reach completion by the due date. The space and tools limitations are a result of the school workshop. These may limit the ability to complete tasks and in turn will result in slower procedures and techniques. Also the design of this project may limit the possibilities as the base cabinet will have to be designed in order to hold a large weight. This will hinder the design process as this has to be taken into account.
- In order to be seen as successful this product has to do several things. These include being an attractive piece of furniture, accommodating an octagonal aquarium and the door, drawer and lid functioning properly. If these aspects all go to plan then the project will be a success and will not only look appealing but function as intended.