

IDENTIFICATION OF THE NEEDS TO DEVELOP THE DESIGN PROJECT

An Explanation of the proposed Design Project:

- The proposed design project is to design, produce and evaluate an innovative desk like no other
- The product will be titled “WOBBLY TUNE” desk, which is derived from the designer’s nickname, personal interests and building skills.

Areas of Investigation

Parameters of the design

The design should allow the “Wobbly tune” desk to:

- Have a mass of less than 200kg.
- Have dark and unique appearance
- Have an appropriate and catchy logo and name
- Be strong and durable to hold a large amount of weight

What has to be investigated

- Whether there is a need for such a product
- Will the suggested design work as intended?
- What are the required sizes for the desk, so that it will be appropriate for myself?
- What materials, processes and other resources are required to design and manufacture the project?
- How much will the entire project cost?

How will these points be investigated?

- NEED FOR THE PRODUCT :

An existing personal need already exists

- WILL IT FUNCTION AS PLANNED?

Produce a prototype and test by:

- Personal testing by playing keyboards on the desk and also type an evaluation on the desk.

- Test by another student or teacher and get them to follow the same procedure as I did.

- WHAT MATERIALS AND PROCESSES?

Consult my teacher to assist in the selection of materials and ask for advice on construction methods.

- COST:

Consulting my teacher and local hardware store on how much materials would cost.

Criteria established to evaluate success

Function:

To be successful, the “Wobbly Tune” desk must function in the following ways:

- The desk must be able to hold the weight of a computer and keyboards.
- It must accommodate my physical size
- I must find the desk comfortable and easy to work around
- The desk must weigh more than 200kg

Aesthetics:

To be aesthetically successful, the desk must:

- Look different and reflect my interests
- Have a catchy logo on the desk top

Most important qualities to the least important:

1. The finished product must function correctly – it must be strong in order to be safe for the user. (Most important)
2. It must accommodate my physical size
3. The desk top must look gothic and original.
4. It weighs no more than 200kg. (Least important)

Methods used to determine the success of the project.

- Invite a musical friend to evaluate the finished product.