7-SC-Box

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# Research

## Boxes

* I need to find a box that would be suitable to store my project work for this year.
* Here are the boxes that I found online that could be suitable:

### 1st Box

1st Box Image

1st Box Image

#### Advantages

1. 1st Advantage
2. 2nd Advantage
3. 3rd Advanatge

#### Disadvantages

1. 1st Disadvantage
2. 2nd Disadvantage
3. 3rd Disadvantage

### 2nd Box

2nd Box Image

2nd Box Image

#### Advantages

1. 1st Advantage
2. 2nd Advantage
3. 3rd Advanatge

#### Disadvantages

1. 1st Disadvantage
2. 2nd Disadvantage
3. 3rd Disadvantage

## Materials

* I need to find a material to manufacture my box from.
* Here are the materials that I found online that could be suitable:

### 1st Material

1st Material Image

1st Material Image

#### Advantages

1. 1st Advantage
2. 2nd Advantage
3. 3rd Advanatge

#### Disadvantages

1. 1st Disadvantage
2. 2nd Disadvantage
3. 3rd Disadvantage

### 2nd Material

2nd Material Image

2nd Material Image

#### Advantages

1. 1st Advantage
2. 2nd Advantage
3. 3rd Advanatge

#### Disadvantages

1. 1st Disadvantage
2. 2nd Disadvantage
3. 3rd Disadvantage

## Glues

* I need to use glue to assemble my box.
* Here are the glues that I found online that could be suitable:

### Names Of Glues

1. 1st name
2. 2nd name
3. 3rd name

# SolidWorks

## Dimensions in Solidworks

Diagram 1 a)  
b)  
c)

Diagram 2 a)  
b)  
c)

Diagram 3 a)  
b)  
c)

## The box base

* Here is my sketch of the base of the box before I extruded it. Box Base Sketch
* Here is my 3D part of the base of the box. Box Base Part

## The box front

* Here is my sketch of the front of the box before I extruded it. Box Front Sketch
* Here is my 3D part of the front of the box. Box Front Part

## The box assembly

* Here is an image of my box assembly Box Assembly

## Building the box

* Here is an image of my finished box The finished box