

Joints

- Finger joint
- Dowel joint
- Mortise and tenon joint
- Dovetail joint
- T-Bridle Joint

Materials

- pine / lamin board
- hardwood / oak ash
- cheap sustainable

Young People

- modern design / theme
- music / sport
- music note / guitar shape / pyrograph

Attractive

- burn design
- curves
- router / chamfer
- finish - glass varnish
- colour

Study

Study Items

- setsquares
- pens / pencils
- post its
- compass
- paper
- Laptop
- highlighters
- notebooks
- Others

Desk Organiser

Desktop

- neat and tidy
- size / small
- books / setsquares

Portable

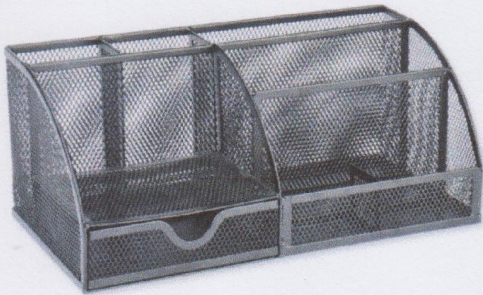
- handle / small

*V. Curran
12/6/2010*

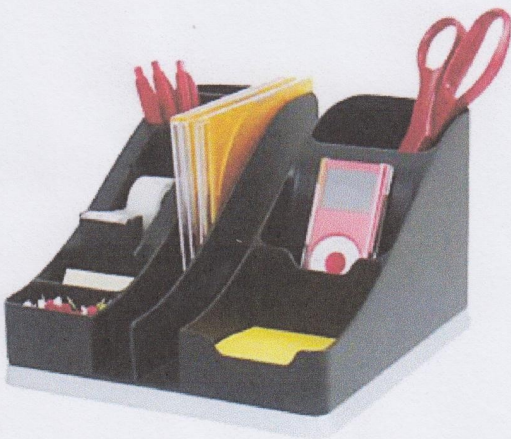
Analysis of Brief

- My project must be portable.
- My project must fit on a desktop.
- My project should hold a maximum of three textbooks.
- My project should incorporate a facility for holding drawing equipment and other small study items.
- My project design should be inspired by the sustainable ideal of doing more with less.
- My project should be small in size.

Internet Research



I find this desk organiser effective as it has various compartments for various textbooks, notebooks and stationary items. I think this item would look nice made out of oak.



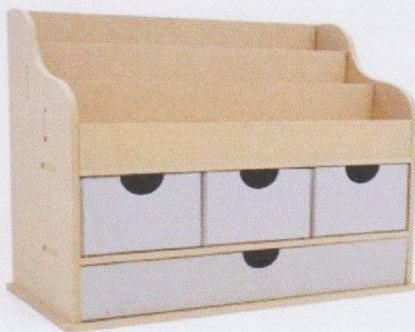
I like this desk organiser as it looks attractive and it is nice, small and portable. I think it would look nice on a desktop made out of walnut.



I like this item but in my opinion it is not original as you would find similar desk organisers like this one on the internet and in shops.



I like this desk organiser as you could stand the books up with their spine facing outward. You can also place other study items in the other compartments.



I think this item is suitable for holding stationary items in the drawers. However, I think this project is a bit big for sitting on a desktop.



I like this desk organiser as it is small and portable. Although it looks very plain and not very original.

Sizes Research

I should try to keep my design small and use as little timber as possible as this piece is meant to be sustainable and i'm meant to be doing more with less. It should be approximately be 210mm high and 350mm wide. It should also be high enough to fit a textbook.

Materials Research

Oak: Oak is the most widely used hardwood. Oak is a heavy, strong, light colored hardwood. Oak is commonly used for furniture. There is oak available in our school so it may be a possibility wood for my project.



Ash: Ash is a hard, heavy, ring porous hardwood. It has a prominent grain that resembles oak, and a white to light brown colour. Ash is used for sport equipment including hurleys, furniture, wood floors and musical instruments. It is often less expensive than comparable hardwoods.



Pine: Pine is a soft, white or pale yellow wood which is light weight, straight grained and lacks figure. It resists shrinking and swelling. Knotty pine is often used for decorative effect. May be used for furniture. Pine is cheap and easy to work with. We generally use pine in our school.



Walnut: Walnut is one of the most versatile and popular cabinet making woods. There are many

different varieties. Walnut is strong, hard and durable, without being excessively heavy. It has excellent woodworking qualities, and takes finishes well. The wood is light to dark chocolate brown in color with a straight grain in the trunk. Walnut is used in all types of fine cabinet work.



Mahogany: Mahogany is a tropical hardwood. There are many different grades and species sold under this name, which vary widely in quality and price. Mahogany is a very strong wood. Mahogany is an excellent carving wood and finishes well.



Cherry: A moderately hard, strong, closed grain, light to red-brown wood. Cherry resists warping and checking. It is easy to carve and polish. Most used for cabinets and furniture.



Maple: Maple is so hard and resistant to shocks that it is often used for bowling alley floors.

