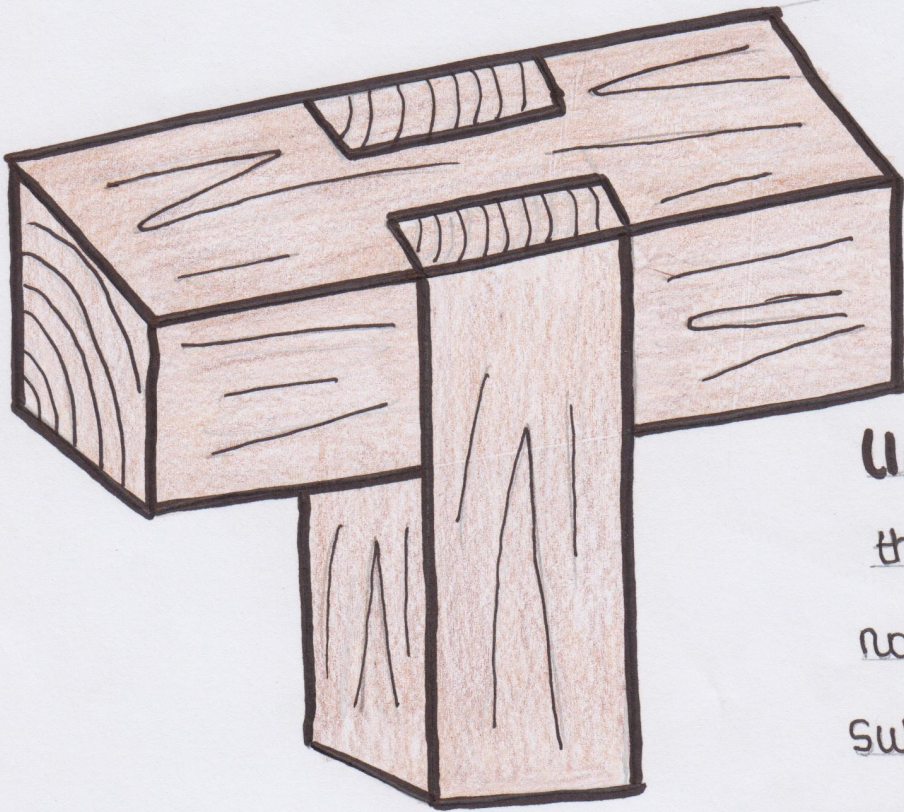
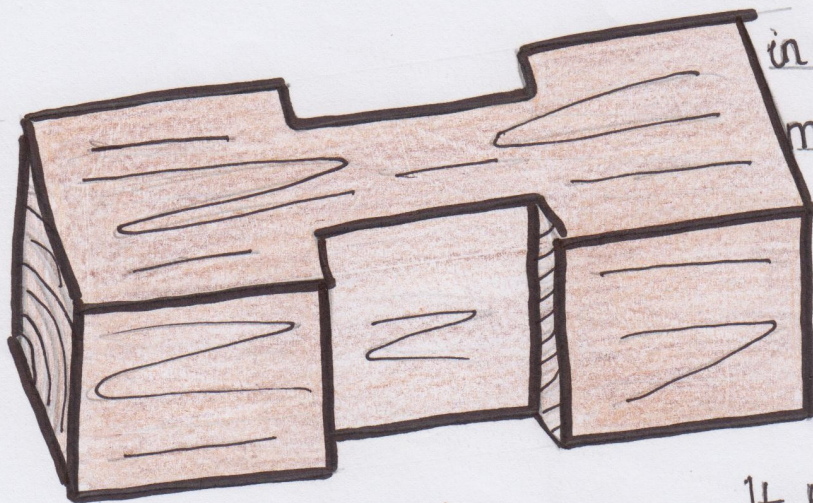


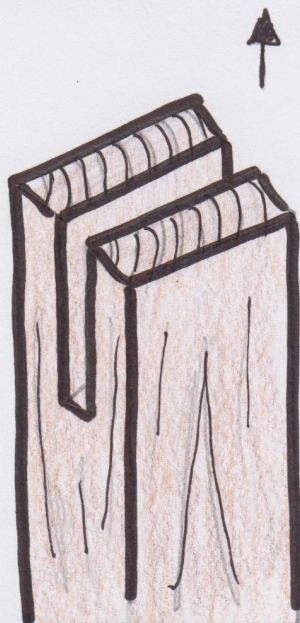
T-Bridle Joint



Unlike the corner bridle the t-bridle joint is not weak when subjected to sideways pressure and is similar

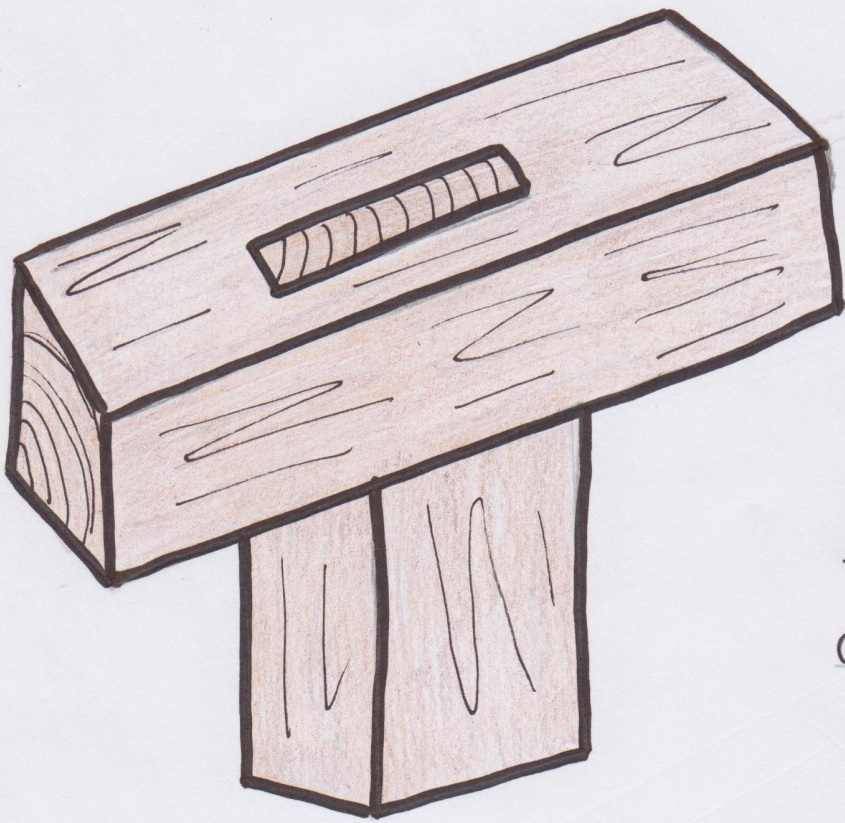


in strength to the mortise and tenon joint

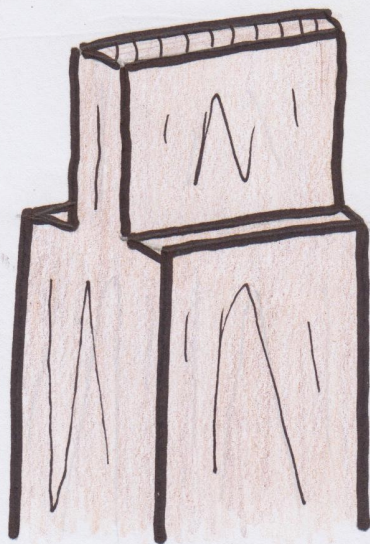
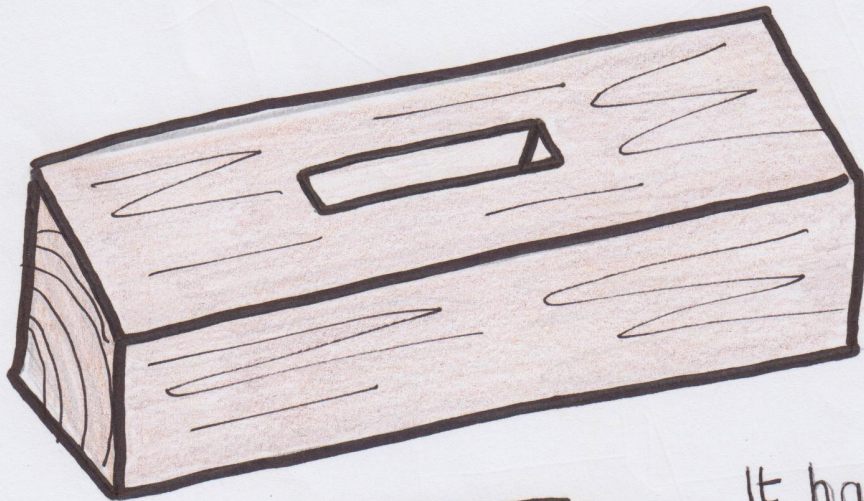


It has a large gluing area which makes it strong.

Mortise and Tennon

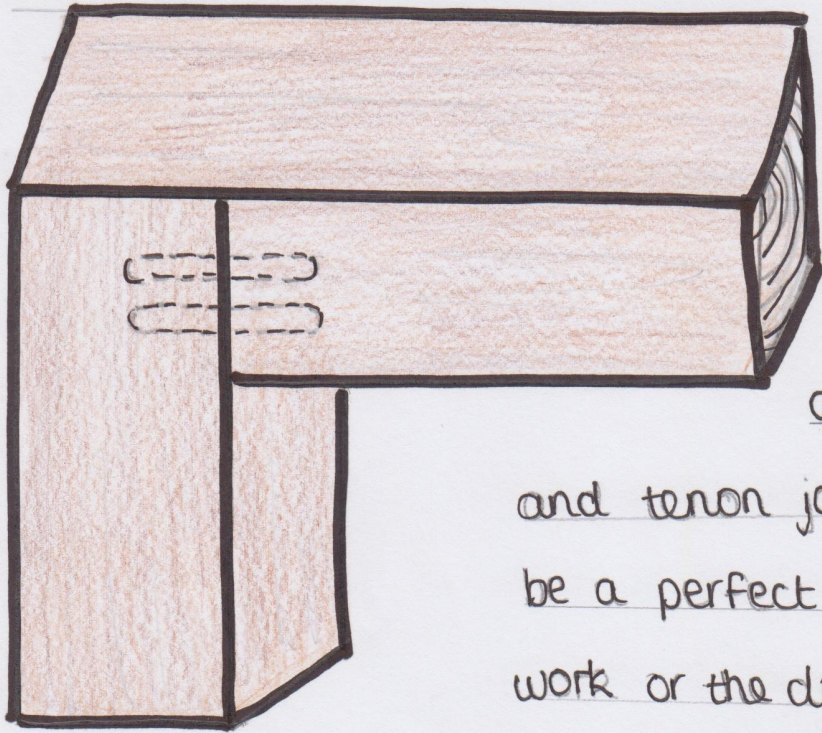


The mortise and tenon joint is mainly used when the adjoining pieces connect at an angle of 90° . It is a simple and strong joint.



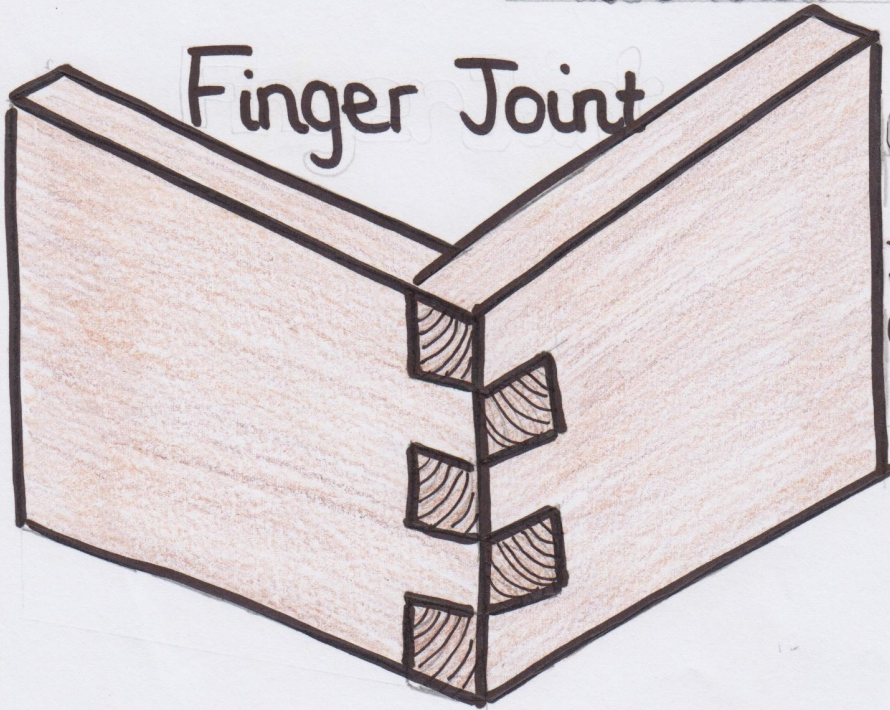
It has a large surface area for gluing. Most of the joint is hidden in the timber which makes it look attractive.

Dowel Joint



A dowel joint is a butt joint reinforced with wooden pegs. A well made joint is as strong as a mortise and tenon joint. Dowel holes must be a perfect 90° to the face of the work or the dowel will twist when it is assembled.

Finger Joint

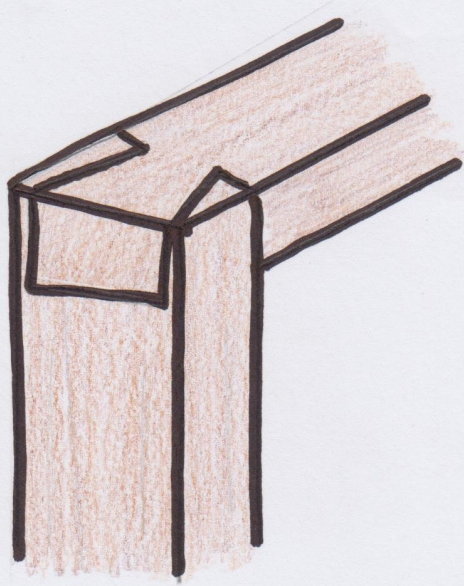


Where finger joint is used:

Jewellery boxes
Cabinet construction
Kitchen cupboards.

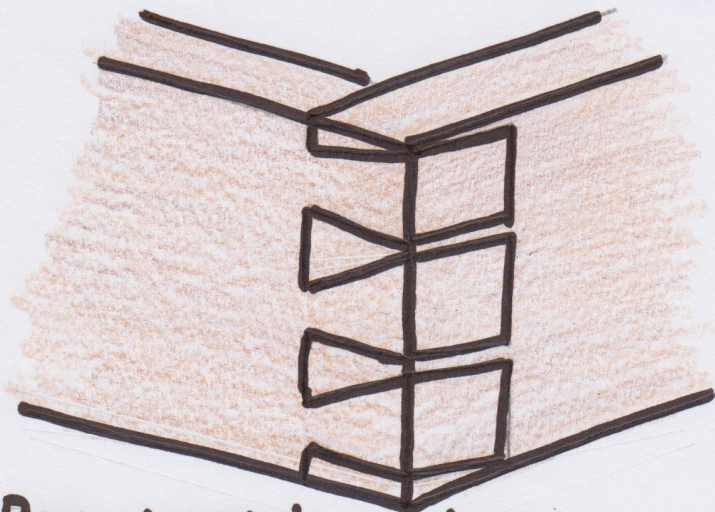
This joint is strong especially when used with a good quality glue such as PVA. If the joint is cut accurately the fingers should fit together without any gaps and the glue ensures that they are virtually indestructible.

Dovetail Joints

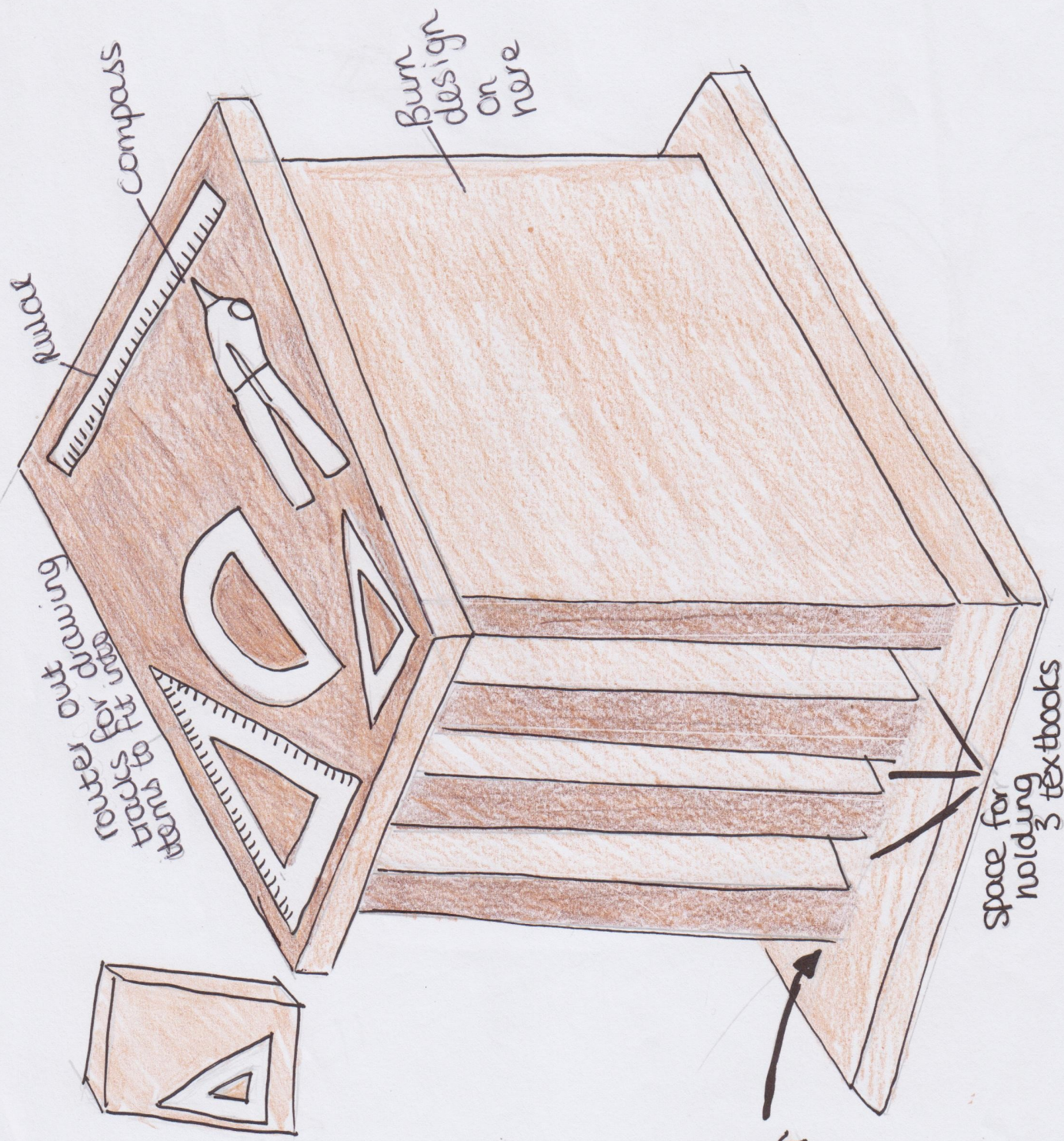


Corner dovetail joint

Dovetails are the strongest of all joints. The joint is made up of a number of interlocking dovetails and pins. Once glued it is very difficult to break. A dovetail joint. They are commonly used in high-class cabinet making, drawer construction and in decorative boxes.



Box dovetail joint



Burn design on here

Compass

Ruler

Router out items for drawing

Space for holding 3 textbooks

stopped housing joint

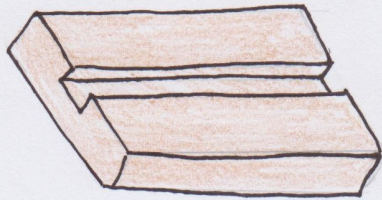
Advantages

- 1) The project is portable as it has a handle.
- 2) The desk organiser has space for holding a textbook, drawing equipment and other study items.
- 3) It looks neat and tidy.

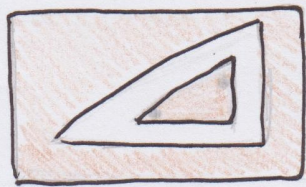
Disadvantages

- 1) It would be very hard as there a lot of joints involved.
- 2) There are a lot of curves.
- 3) It would take longer.

area for holding maximum of 3 textbooks

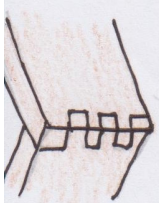


housing joint



area for holding maximum of 3 textbooks

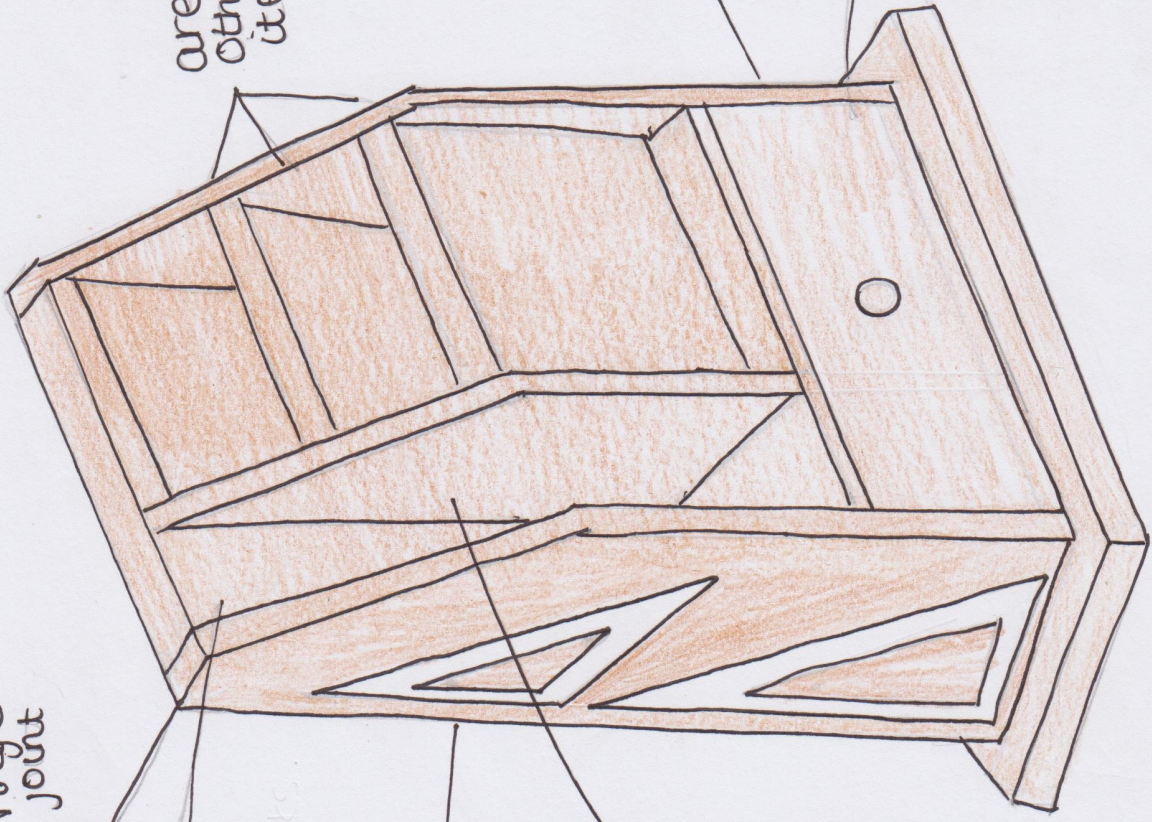
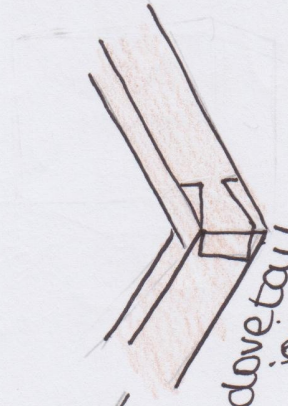
finger joint



area for holding other stationary study items

drawer for holding paper/items

dovetail joint



Advantages

- 1) It has compartments for holding stationary/study items.
- 2) It has a drawer for holding A4 paper/notebooks etc.
- 3) It can hold textbooks.

Disadvantages

- 1) It is too tall for a desktop.
- 2) There are a wide variety of desk organisers similar to this one available on the internet and in shops.
- 3) It looks very plain and not very original.