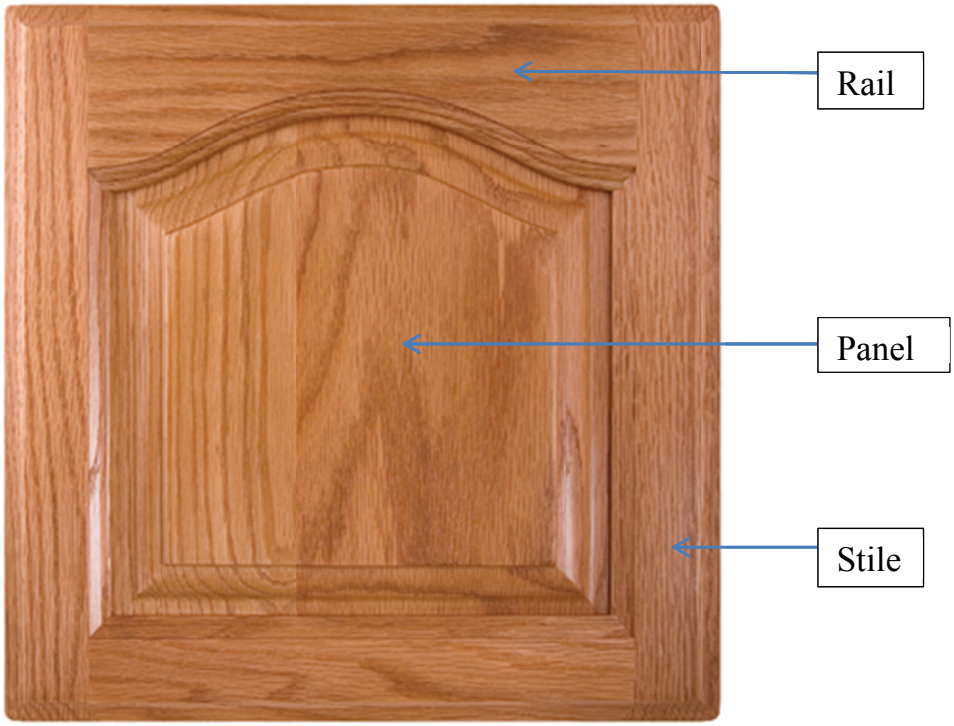
Processes – Manufacture of Individual Components as Part of a Project

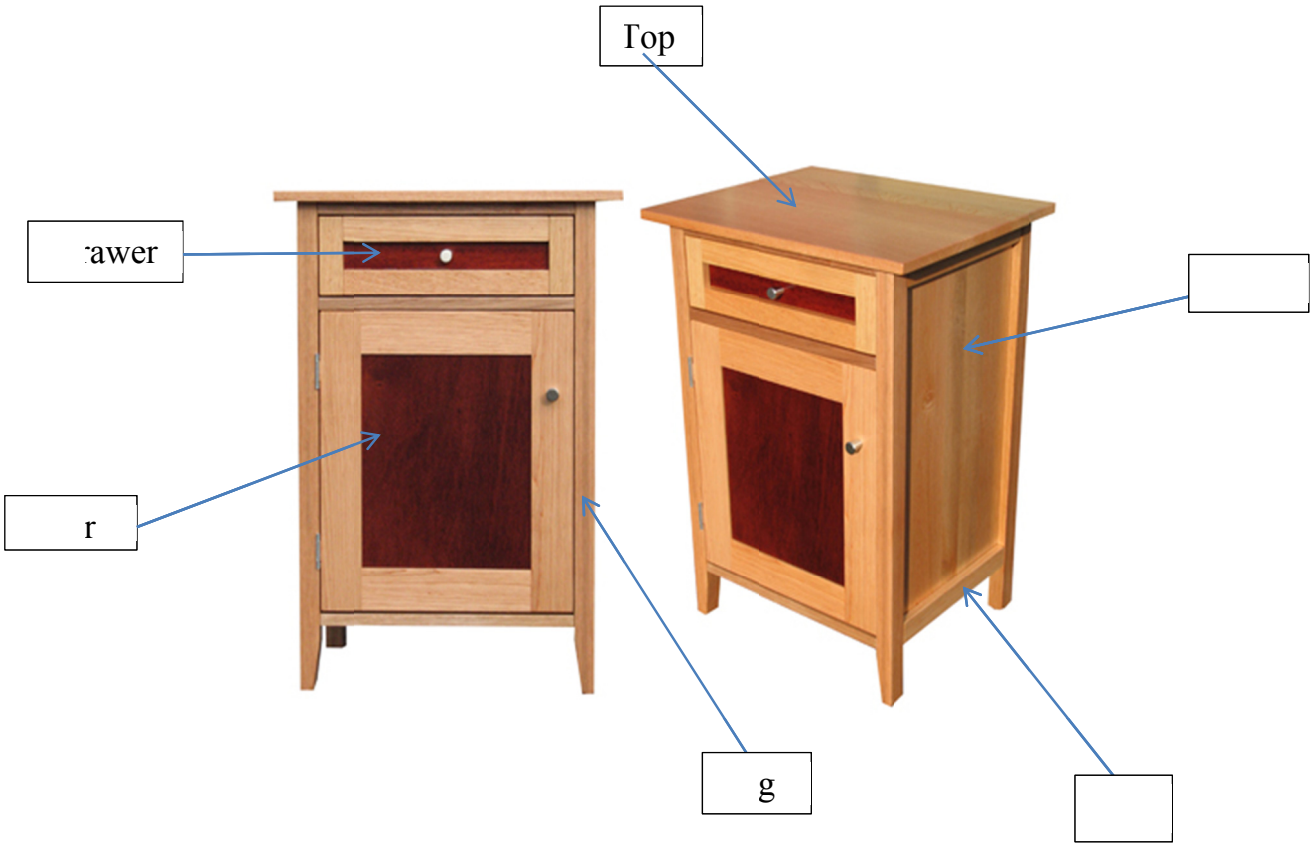
When constructing a project it is important to plan out how different components will be made and in what order. The following describes the order that components should be made in. The how needs to be decided upon based on what is to be achieved for each component.

1. Legs/Panels
2. Rails/Carcase – The carcase can be made from sheets of manufactured board or by using frame and panel construction. Frame and panel construction includes rails, stiles and panels.



3. Drawers – are always made to fit the frame or carcase, never before. They can be made with the front attached to a 'box' or with the front integrated as part of the 'box' construction. A variety of joint types can be used but Dovetail joints are the preferred method of construction. The base should be made so that it can be replaced if it ever becomes damaged. The sides of the drawer should be made using solid timber, while the base should be plywood.

4. Doors – as with drawers they are always to fit the frame or carcase, never before. Doors can be made using solid timber or manufactured boards. Solid timber is best used for raised panel type construction. Manufactured boards need to have the edges treated either with the application of veneer or solid timber. The placement and type of hinges needs to be considered when choosing the width of stiles or solid timber edging.
5. Tops – are the last part made for two main reasons. Like the drawers and doors it needs to be made to fit the frame or carcase. It is also a main piece that is easily viewed, so by making it last we reduce the chance of damage during storage.



1. Describe the process of making a raised panel.

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