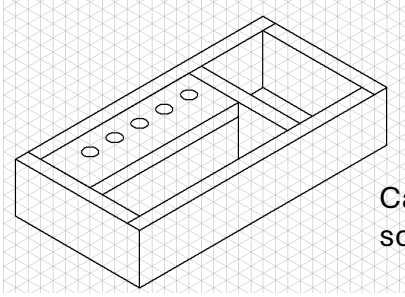


# Knowledge Organiser

## ISOMETRIC DRAWING

By hand or in 2D Design

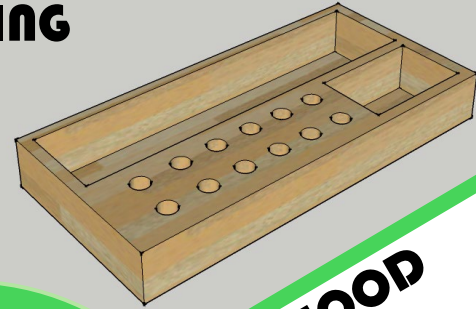


Can draw to scale

Isometric grid is 30 degrees to the horizontal.

## SKETCHUP DRAWING

Key words  
Footprint  
Push pull  
Zoom, Pan, orbit  
Material fill  
Make component



## PLYWOOD



Plywood is made by gluing at least three layers of sheet timber together at right angles to each other - this is called laminating. Plywood is considered to be a strong board as the grain of the timber sheets are glued together in different directions.

# Sorter Project

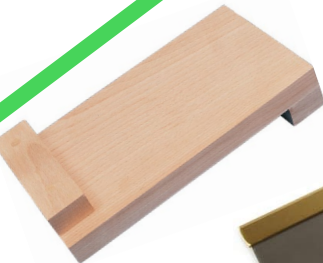
## FINISHING

We use wax to protect our wood and make it shine.

- Apply a thin coat of wax using a cloth
- Allow to dry
- Buff with a clean cloth
- Repeat – more coats = better shine.



## TOOLS



Bench hook

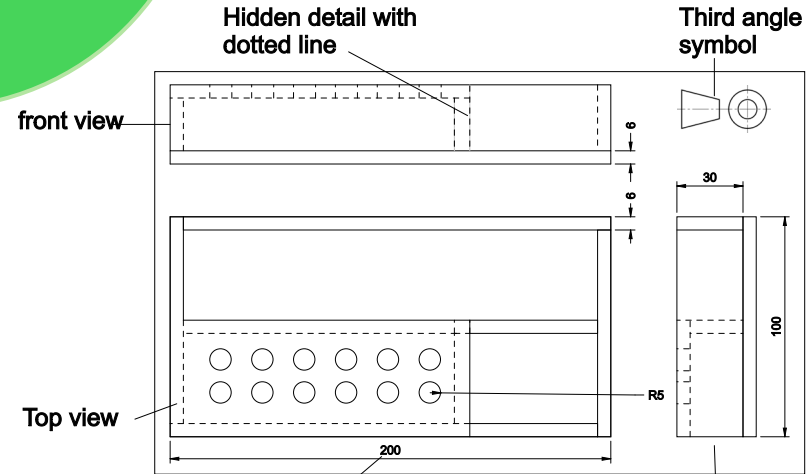


Tri Square



Tenon Saw

## ORTHOGRAPHIC PROJECTION



Measurements in mm

views aligned with each other

side view