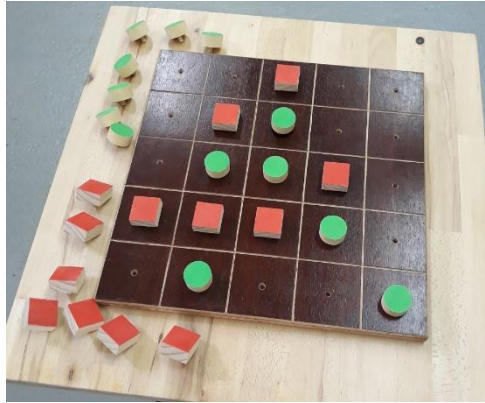


Blind Tic-tac-toe tutorial

You will find below the tutorial to make the blind tic-tac-toe, but adjustments can be made if you do not have the equipment or skills to do it. The dimensions are indicative.



You can recycle wood for the construction as shown in the example

- A panel of raw wood or plywood 18 mm thick and 40 x 40 cm in size
- A 34 mm round wooden curtain rod of 50 cm
- A wooden strip of 34 mm by 17 mm for 1 m
- 30 wood dowels of 6 mm diameter per 2 cm or one dowel of 6 mm diameter per 1 m

The tools, machines and consumables needed to make the game:

- the various pieces of wood needed
- a handsaw
- a drill with 6 and 6.5 mm diameter wood bits or a hand-held chisel
- sanding paper of different grits (80 and 120) or a sander
- a metal ruler, if possible, at least 50 cm long, and a pencil
- wood glue
- wood chisels or a cutter and tip
- 2 pliers or clamps
- a paintbrush
- wood paint in 2 colours or walnut stain
- linseed oil with a cotton cloth
- coloured adhesive tape

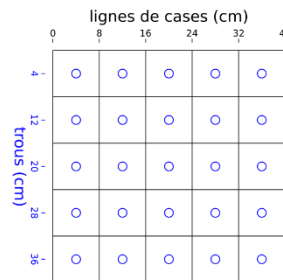
The stages of the game construction in pictures :

A. the game board

1. Collect a wooden board to make the game board.
2. Cut the panel to size with a handsaw.
3. Sand the tray if necessary to remove varnish or unwanted colour.



4. Draw a 5 by 5 grid with a pencil directly on the board, marking the centre of each square.
5. Mark the centre with a point.

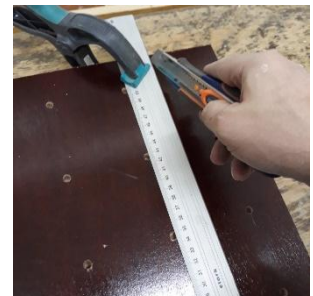
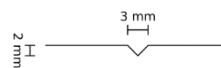


6. After checking the diameter of the dowels or trunnion, use a 5 mm thicker wood bit. Put coloured tape on the drill bit to identify the depth of the hole to be made.



7. Drill the 25 holes in the tray.

8. Using the metal ruler, pliers and a cutter, draw the stripes separating the boxes (4 vertical and 4 horizontal).

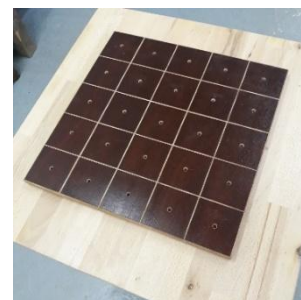


9. Make two lines 3 mm apart by tilting the blade at 45° so that it is easy to recognize by touch.

10. Sand the 8 scratches, holes and edges of the tray.

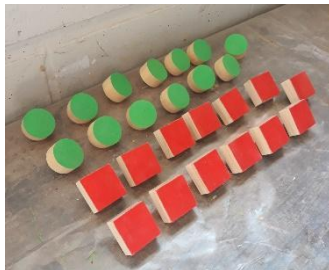


11. Put linseed oil on the tray to protect it with the cloth.



Blind Tic-tac-toe tutorial

B. The 26 counters



12. Collect a curtain rod and a wooden strip.
13. Cut out 13 round pieces 17 mm thick and 13 squares of 34 by 34 mm
14. Sanding all the counters
15. Identify the centre of the pieces with a pencil and then locate the centre with the point.
16. Tape the drill bit to the same diameter as the dowels or pins to avoid piercing the workpiece
17. Make the 25 holes.
18. Sand lightly and put the pegs in to fit. Ideally 2cm high.
19. Put the pegs with wood glue into the counters. Once the glue has set, paint the pegs in two different colours if possible, depending on the shape.

Good manufacturing!