

SCHOOL DESK INSTRUCTIONS







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Overview



This model can be adjusted in height and size to serve as a school table or regular table tennis table. The materials are ideal for indoor use.

It has been tested in South Africa and Ghana.

ADVANTAGES

- Adjustable / dual-use design
- Modular table: storable and easily transportable
- Relatively affordable

DISADVANTAGES

- Difficult to build
- Not suitable for wheelchair users
- Longer construction time

PROFESSIONAL
CARPENTER
3 DAYS (APPROXIMATELY
6 HOURS PER DAY)

2 NON-PROFESSIONAL
CARPENTERS
7 DAYS

225 € in South Africa
99 € in Ghana

Labour included

What you need



For a more visual instruction, check out our video here.

MATERIAL

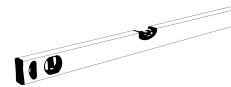
Description	Picture	Size	Quantity	Ref
Wooden strips		250x8x3cm	8	t1
Wooden strips		260x5x1.5cm	4	t2
Wooden strips		220x3x2cm	14	t3
Wooden trunnion		1m x Ø 2cm	1	t4
Screws		60mm	200	
Panels		150x100x3cm	4	a1



TOOLS



Tape measure



Bubble level



Drill/
Screwdriver



Jigsaw



Saw



Hammer

SAFETY MEASURES

- Opt for portable tools and machines with reduced weight
- Wear suitable handling gloves
- Organise the flow of goods in the workshop so that unnecessary or avoidable handling is avoided
- Where necessary, wear ear protection
- Have a safety kit at hand at the cutting or assembly workshops
- Keep supply materials as close as possible to the work area
- On site, give preference to handling by several people when no mechanised assistance is possible





1







CUTTING THE PIECES



MATERIAL AND TOOLS TO PREPARE FOR STEP 1 TO 5



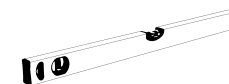
MATERIAL

Description	Picture	Size	Quantity	Ref
Wooden strips		250x8x3cm	8	t1
Wooden strips		260x5x1.5cm	4	t2
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Wooden trunnion		1m x Ø 2cm	1	t4
Screws		60mm	200	
Panels		150x100x3cm	4	a1

TOOLS



Tape
measure



Bubble level



Drill/
Screwdriver



Jigsaw



Saw

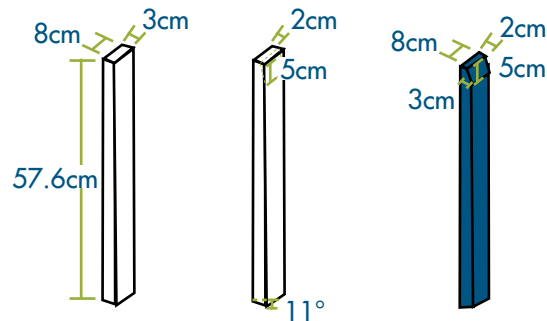


Hammer

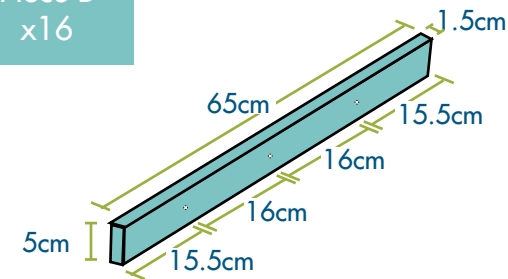
Step 1

Prepare all the following pieces using the wooden strips **t1**, **t2**. Keep the all pieces you cut off for later.

Piece A
x32



Piece B
x16

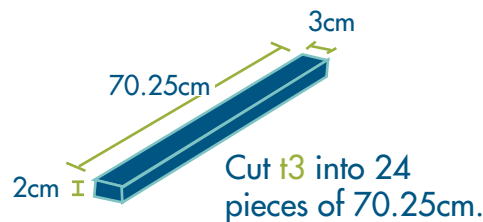


Cut **t1** in 32 pieces of 57.6cm. Bevel and cut the piece at 11° at the bottom. On the top, measure 2 cm in width and 5 cm length and cut it. Repeat this step 32 times.

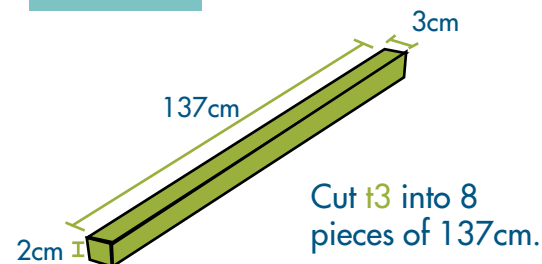
Cut **t2** into 16 pieces of 65cm. Use the drill to make holes of 2 cm diameter.

Prepare all the following pieces using the wooden strips **t3** & **t4**.

Piece C
x24



Piece D
x8



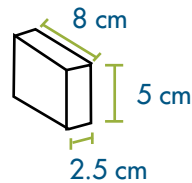
Piece E
x24



Step 2

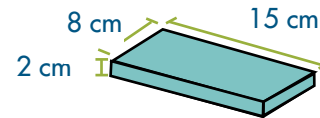
Prepare all the following pieces using the panels **a1**.

Piece F
x16



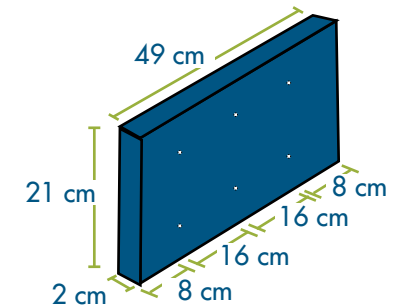
Take **a1** and cut 8x5x2.5 cm.

Piece G
x16



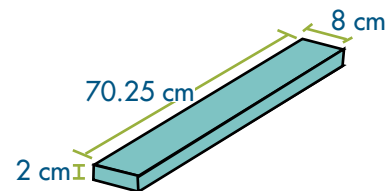
Take **a1** and cut 15x8x2 cm.

Piece H
x8



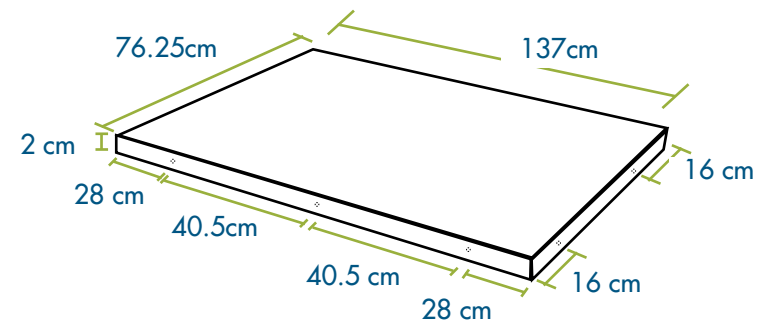
Take **a1** and cut 49x21x2 cm.
Take the drill to make holes of 2 cm in diameter.

Piece I
x8



Take **a1** and cut 70.25x8x2 cm.

Piece J
x4



Take **a1** and cut 137x76.25x2 cm.

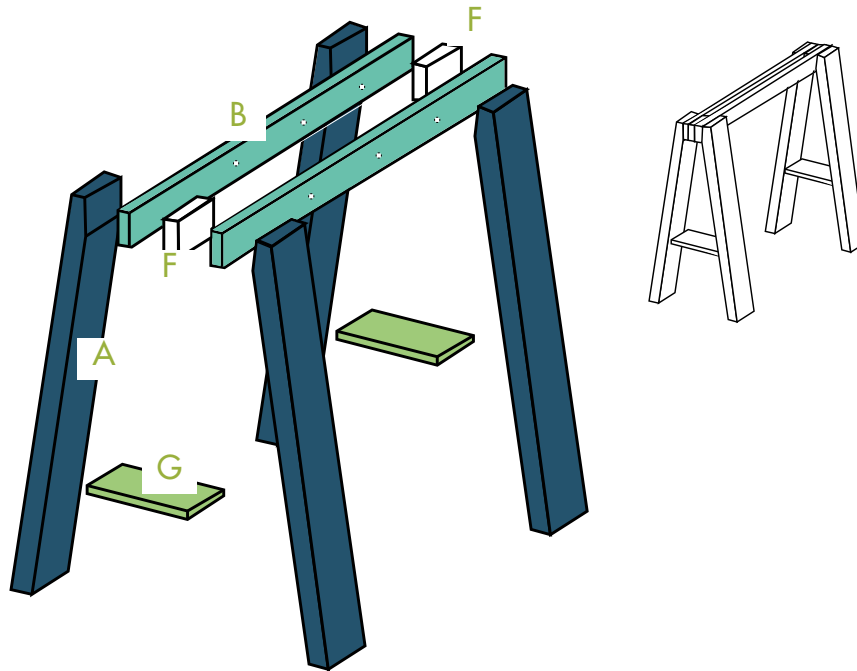


2

BUILDING THE TABLE LEGS



Step 3




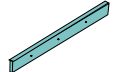
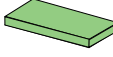

Assemble the individual parts by drilling them together according to the holes for the screws.

Rotate part **G** by adjusting it so that it forms a perfect joint between both of the 2 supports **A**.

If necessary bevel the parts **G** at approximately 28.8 cm from the ground.

Repeat this step 8 times.



Description	Picture	Size	Quantity	Piece
Wooden strips		57.6x8x3 cm	32	A
Wooden strips		65x5x1.5 cm	16	B
Panels		15x8x2 cm	16	G
Panels		8x5x2.5 cm	16	F



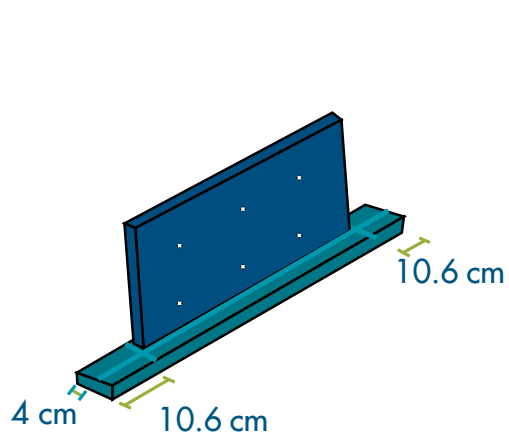
3

ASSEMBLING THE TABLE TOP

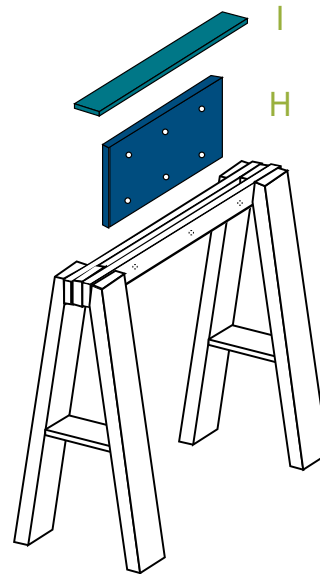


Step 4

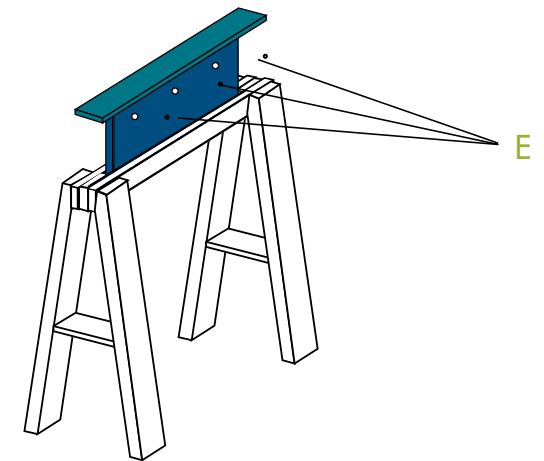
This model offers two different height adjustments.



Centre the piece.



Drill piece **H** together with piece **I** prepared in step 2. Then, insert the piece in the trestle. Repeat this step 8 times.



Insert 3 connectors (piece **E**, prepared in step 1) into the openings to hold it firmly together. Repeat this step 8 times.

MATERIAL AND TOOLS TO PREPARE FOR STEP 5 TO 7



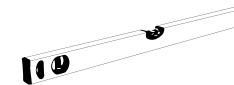
MATERIAL

Description	Picture	Size	Quantity	Piece
Wooden strips		70,25x3x2 cm	24	C
Wooden strips		137x3x2 cm	8	D
Panels		137x76.25x2 cm	4	J

TOOLS



Tape measure



Bubble level



Drill/
Screwdriver



Jigsaw

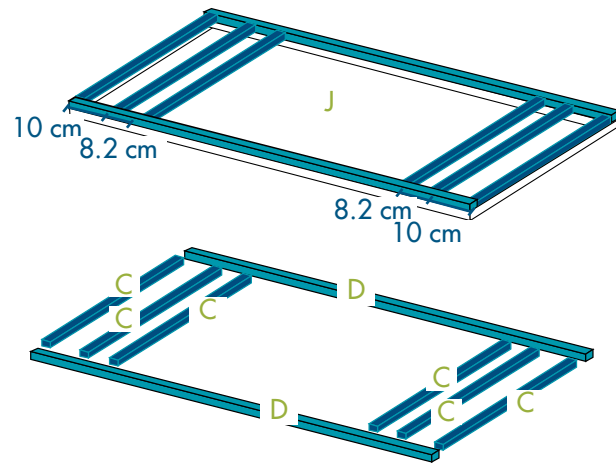


Saw



Hammer

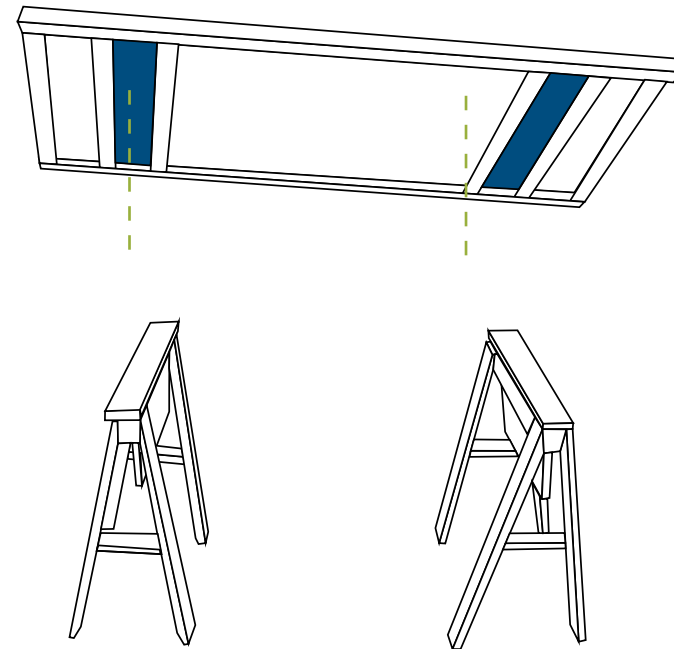
Step 5



Take the four panels. Assemble the individual parts on top and then drill according to the holes for the screws. Repeat this step 4 times.

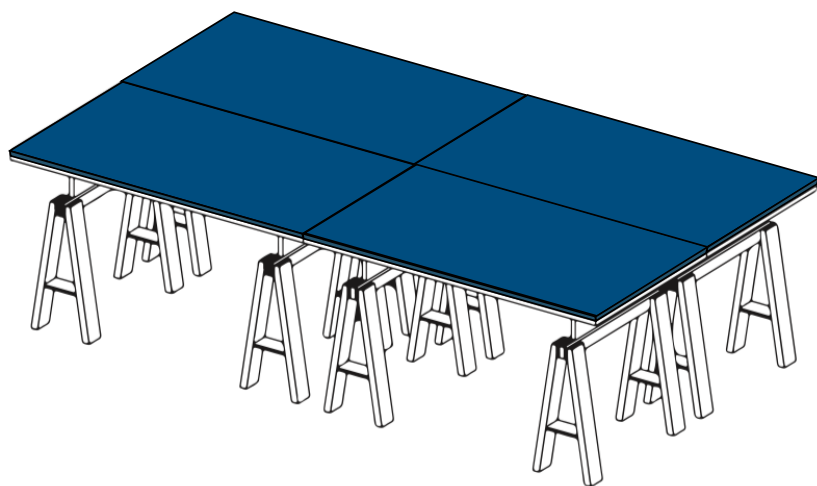


Step 6



Assemble the table with the results from steps 4 and 5. Repeat this step 4 times.

Step 7



You have three options now:

1. Join the 4 table tops together using the 10 wooden connectors (E) and attach a net to play.
2. Keep the individual 4 tables and attach a net per table to play.
3. Use the individual 4 tables for school children in classes and adjust the height accordingly.





**YOUR TABLE IS READY,
ENJOY!**



ITTF
FOUNDATION



For more information, please get in touch with us via: info@foundation.ittf.com.