



Garden Box Bird Netting Frame

 calipsoii

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Summary

Modular frame for suspending bird netting over your garden boxes. Uses 3/4" wooden dowels.

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Combine these minimal components with 3/4" wooden dowels to create a raised framework on which you can cover your garden bed with bird netting! Use any length of wooden dowels to fit any size of garden box.

Print Settings

The assembly in the pictures was printed at the following settings:

- Printer: Prusa i3 MK3.5
- Print Settings
 - 0.6mm nozzle
 - 0.32mm structural layer height
 - 2 shells sides
 - 4 shells top and bottom
 - 15% infill
- Filament: generic white PETG

- Supports: minimal (only if your overhands need some help)
- Brim: none

Print Instructions

1. These can all be oriented to print without supports, however you may want to selectively add some depending on how well your printer handles PETG bridges.
2. My dowels were very slightly over 3/4" diameter so you may need to scale the design up/down a few % to get a snug fit.

Assembly Instructions

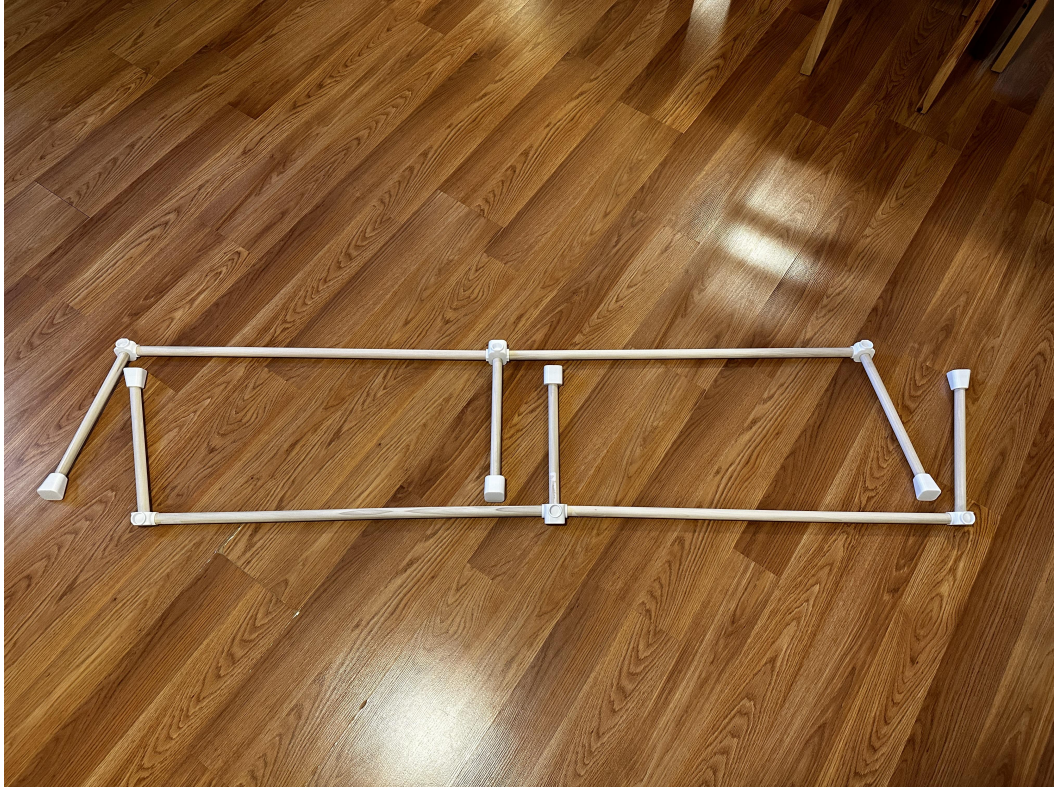
1. You will need to measure your garden bed/box to determine the length of dowels to use.
2. The corner pieces are slanted inwards at 15 degree angles on XZ & YZ.
3. The side pieces are slanted inwards at a 15 degree angle on YZ.
4. Once you know what length dowels are needed, go out and purchase 3/4" diameter wooden dowels from your local hardware store. I went with hardwood so it would handle the weather better.
5. Assemble the corners + sides first by laying the pieces flat on a floor and inserting a dowel:

1.



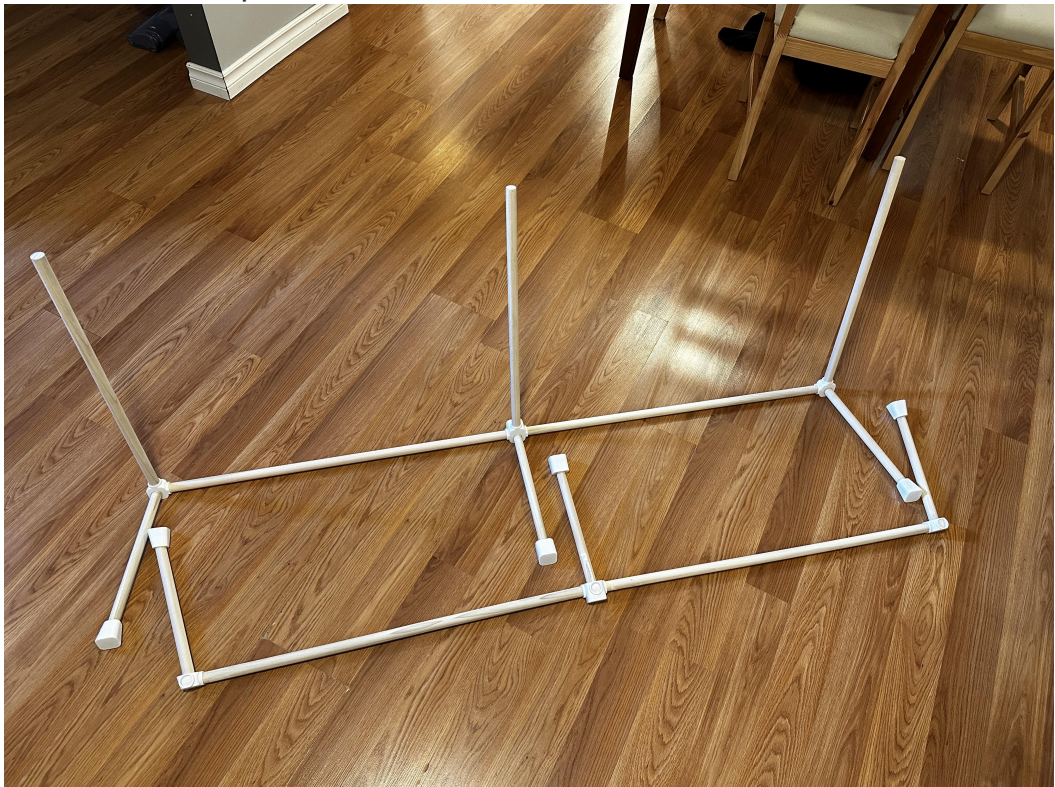
6. Then insert the lengthwise spanner dowels (again, on a flat floor):

1.



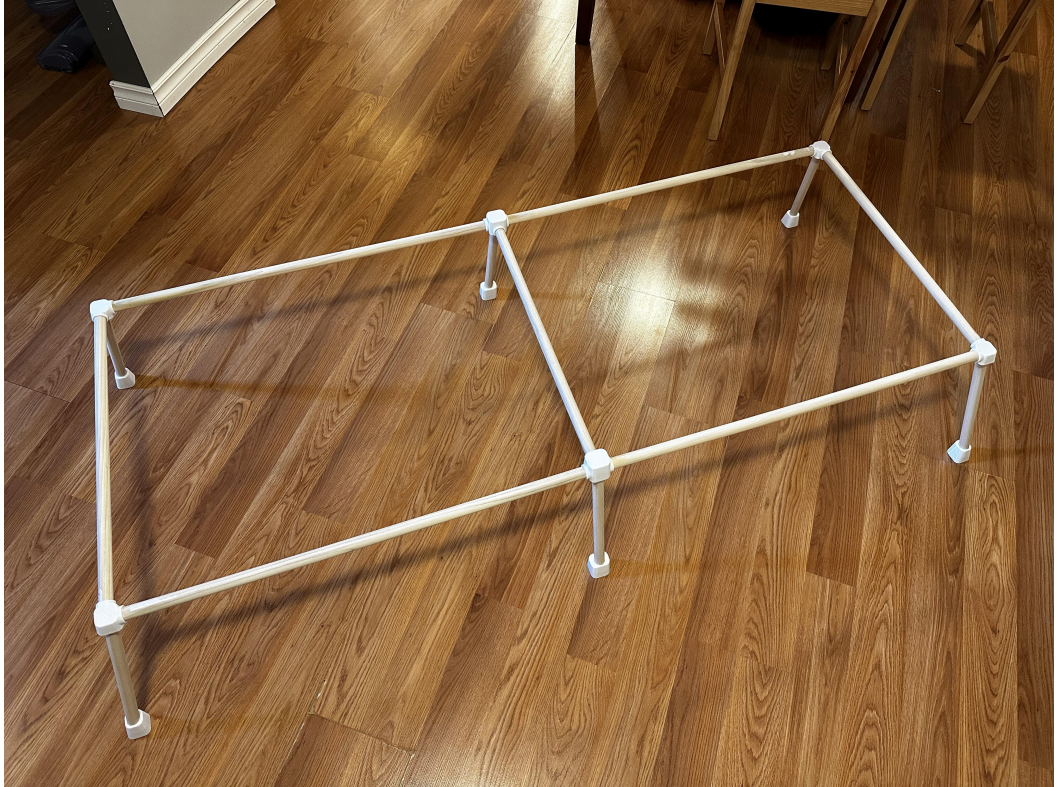
7. Add the crosswise spanner dowels to one side:

1.



8. Carefully combine the two sides:

1.



9. Cross your fingers for good fit and place the assembly into your garden bed:

1.



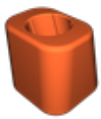
10. Cover the entire assembly with bird netting. I wove 550 paracord through the bottom of the netting and tightened it to the box with a friction clip:

1.



11. Enjoy watching the birds helplessly sit around wishing they could eat your baby veggies!

Model files

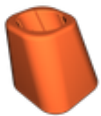


middlefoot-v24.stl



uppermiddleconnector-v24.stl

☐ Best printed as-is: may need supports for middle hole.



lowercornerfoot-v24.stl

☐ Can be printed as-is.



uppercorner-v24.stl

☐ Flip this one over and print it upside down.

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