



Guinea Pig Themed Shelf ($\approx 12.5''$ x $4''$ x $4''$) [No supports* or glue needed]



C-IV

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Summary

a guinea pig shelf that can be put together without glue and can print without supports. 12.5" long 4" thick 4" tall

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[wallmount](#) [wallmounted](#) [guineapig](#) [ornate](#) [guinea](#)

disclaimer: the silhouettes and floral designs came from google and i am not the original creator of those designs themselves. i did design the whole shelf itself.

anyway, its a 2 piece shelf that can be printed on the same bed without supports and does not require any glue to stay together. once the dovetails are pressed in, it stays together fairly well. but for extra measure there is a mounting hole through both parts that keeps them together indefinitely. can be mounted using some standard smaller size flat head screws. each piece can be printed in the orientation provided and each is about 6.25 inches tall give or take.

I printed the other version of this shelf in PETG @ 245c on .3 draft (smaller would be better for overhangs though. but takes significantly longer to

print something like .2 or .18 profile would be better). no supports. 15% infill. vertical shell: 6 horizontal shell: 6 (not required) you could print with 2-4 walls with just as good results. print time was about 22 hours. came out great though.

this is a "reskin" of another model i made. with this one there is a little bit of overhanging leaves. i was pretty sure i made it to where it was flush enough but now im having doubts so u may need to add some supports to those areas going up the sides when printing.

i would love to see some likes, comments, makes, maybe some constructive feedback. thanks for checking it out!

Model files



swanky-hango-tumelo.stl



swanky-hango-tumelo-1.stl

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