

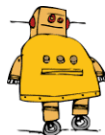


instructables Fun Fully 3D Printable 4×4 Puzzle Cube Instructions

[Home](#) » [instructables](#) » instructables Fun Fully 3D Printable 4×4 Puzzle Cube Instructions 

Contents

- 1 [instructables Fun Fully 3D Printable 4×4 Puzzle Cube](#)
- 2 [How I Designed It](#)
 - 2.1 [Supplies](#)
- 3 [3D Print It](#)
- 4 [Documents / Resources](#)
 - 4.1 [References](#)
- 5 [Related Posts](#)



instructables

instructables Fun Fully 3D Printable 4×4 Puzzle Cube



This is a 4×4 cube puzzle that is fully 3D Printable. I have found multiple solutions to this puzzle, so it should keep you entertained for hours!

Files can be found here: <https://www.thingiverse.com/thing:4311163>.

How I Designed It

I created a rough template in Tinkercad to quickly and easily figure out the shapes that I would use to fill a 4×4 cube. Once I had the basic shapes figured out, I moved over to Fusion 360 to make the final models.

Supplies

1. 3D Printer
2. Any Filament

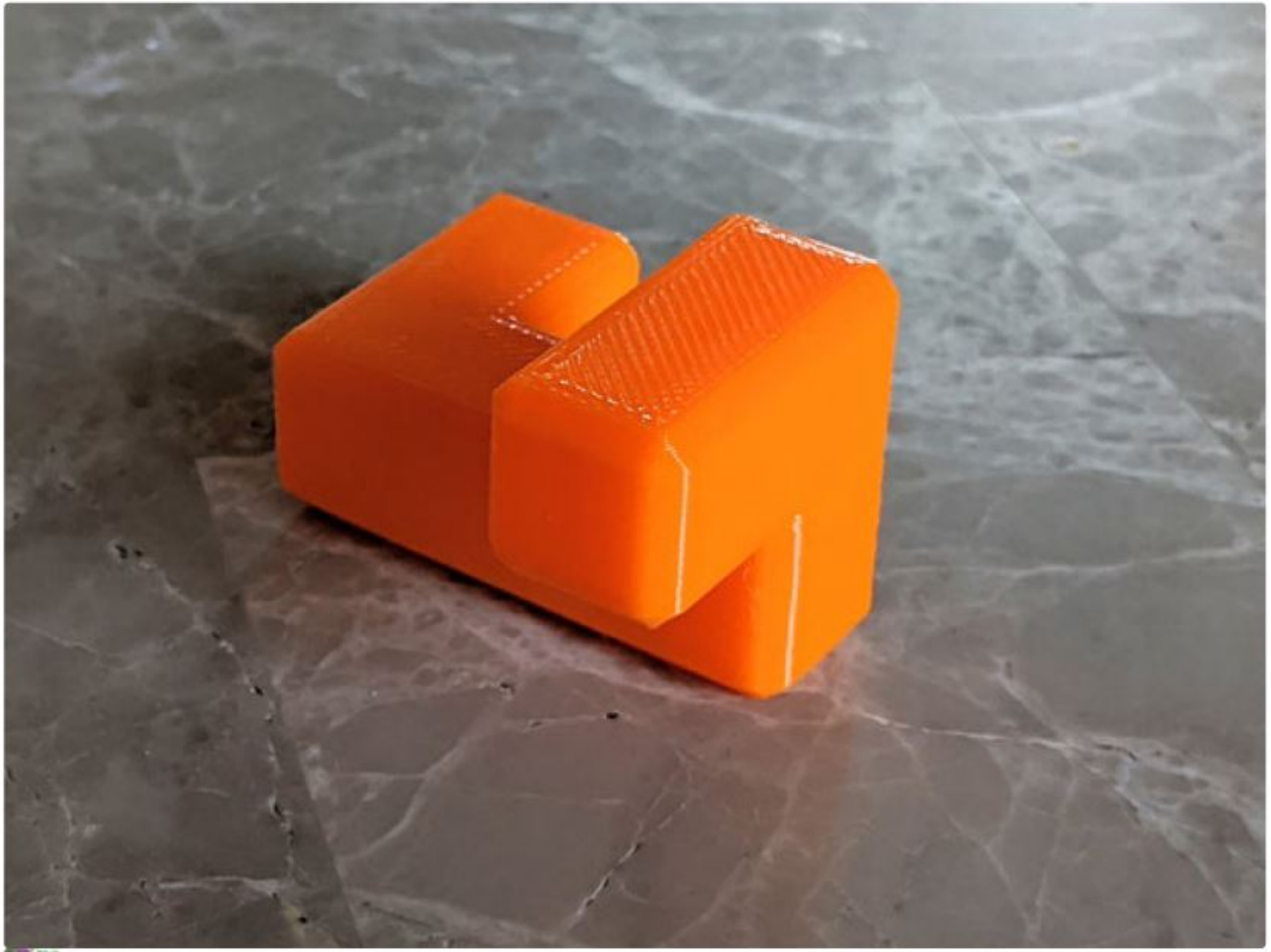


3D Print It

I printed all of the pieces in PLA with 5% infill, although 10% is probably ideal. All but one of the pieces can be 3d printed without supports. The piece that needs support is shown in the upper right of this step.

That's literally all there's to it! So simple, yet very challenging.





This is fun, what program did you use to design it?

Hi! Thanks for commenting!

I created a 'sketch' in Tinkercad to quickly and easily figure out the shapes that I would use to fill a 4x4 cube. Once I had the basic shapes figured out, I moved over to Fusion 360 to make the final models. The entire process could have been solely done using Tinkercad, but Fusion 360's chamfers added the finishing touch to the pieces.

- Do you have STL files you could share?


Thanks for commenting on my Instructable!

I have added links to the files, but it hasn't been updated yet, so here are the links that you can choose from:







<https://www.dropbox.com/sh/2tt1acukntbziog/AAC1VHh>.

<https://www.thingiverse.com/thing:4311163>.

Documents / Resources

	<p>instructables Fun Fully 3D Printable 4x4 Puzzle Cube [pdf] Instructions</p> <p>Fun Fully 3D Printable 4x4 Puzzle Cube, 3D Printable 4x4 Puzzle Cube, 4x4 Puzzle Cube, Puzzle Cube, Cube</p>
---	--

References

-  [Yours for the making - Instructables](#)
-  [Fun Fully 3D Printable 4x4 Puzzle Cube - Instructables](#)
-  [Zero To Infinity's Profile - Instructables](#)
-  [Dropbox - Error](#)
-  [Dropbox - 4x4-Puzzle-Cube-Instructables_Master - Simplify your life](#)
-  [Fun Fully 3D Printable 4x4 Puzzle Cube by ZeroToInfinity - Thingiverse](#)

Manuals+.