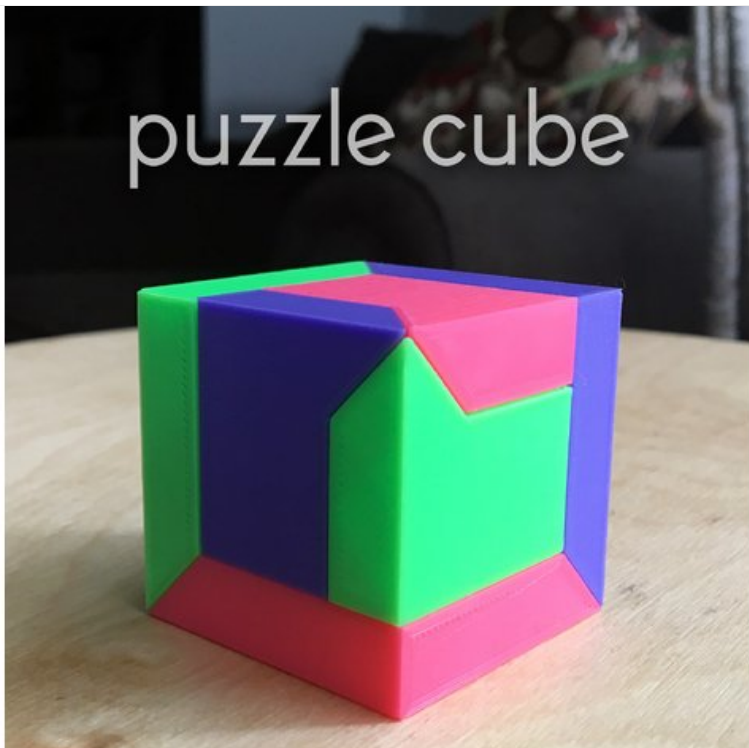




Puzzle Cube (easy print no support)

by [WildRoseBuilds](#) Jun 24, 2018

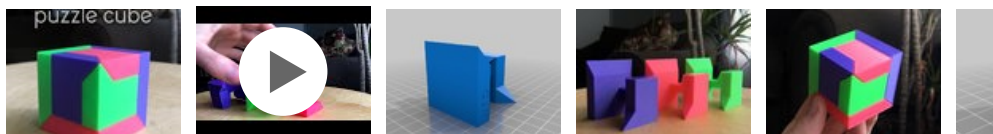


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Summary

https://www.youtube.com/watch?v=F_T_tMMpWjQ

This puzzle was heavily inspired by a gif of pacificpuzzleworks slideways puzzle cube. He has since made a thingiverse account and shared his files here:

<https://www.thingiverse.com/thing:3073646>

3 identicle parts that slide together in a satisfying way to create a cube. Once assembled it needs to be held and moved in a specific direction to seperate. clearance between the parts is around .3mm allowing for smooth movement without binding. Since these parts have faces that slide on eachother printing in a higher resolution might be beneficial to the tactile feel. this design is intended to be printed without supports utilizing the bridge functions of your printer. i have left some extra tolerance at the bridge location to account for some sagging. Bridge length is 22mm. Cube size at default scale is 45mm.

fidget toy no supports puzzle puzzle cube

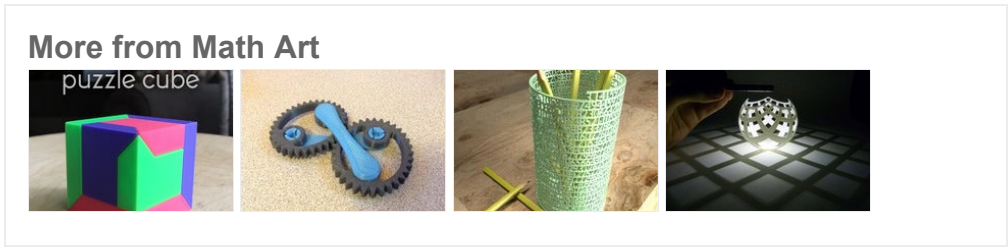
toy

puzzle mechanics by: <https://www.instagram.com/pacificpuzzleworks/>

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