Toy cups

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VIEW IN BROWSER

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Summary

This is a toy cup for a doll house, using only 0.35g of Filament.

0.05 hrs	2 pcs	0.20 mm	0.40 mm	PLA	1 g	Prusa MK3/S/S+

Toys & Games > Other Toys & Games

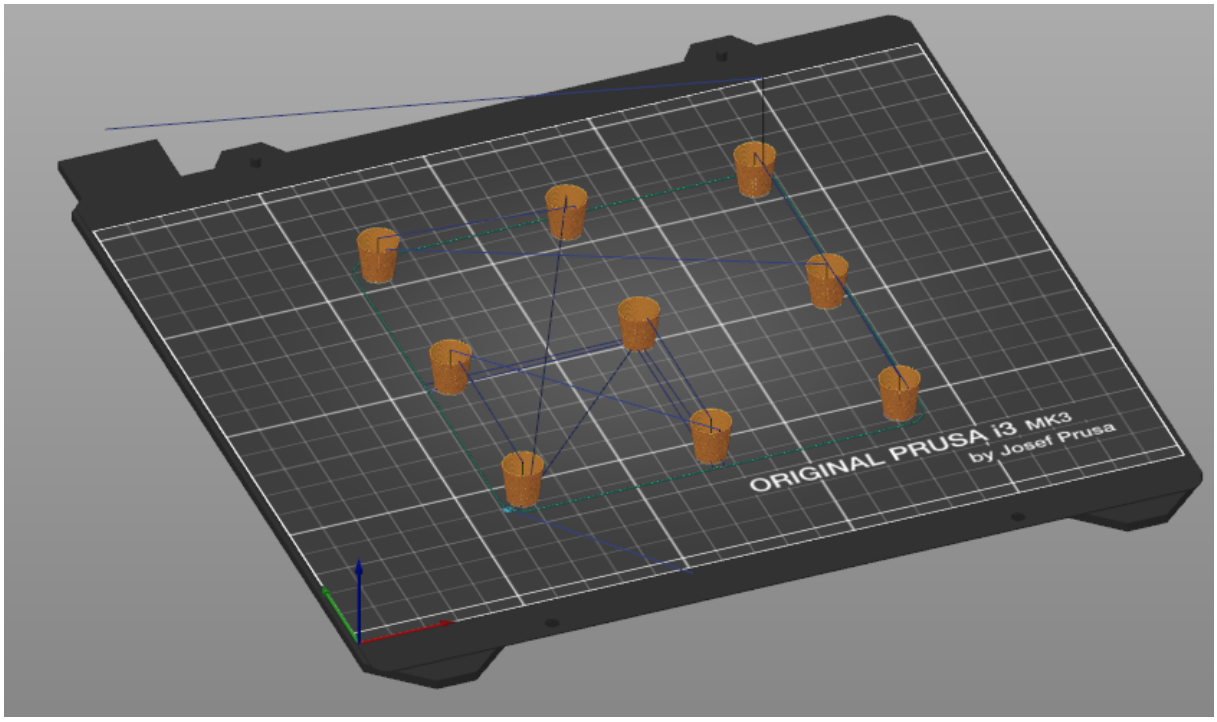
Tags: toy cup customizable dollhouse doll openscad configurable

This is a toy cup. I made it for my daughters and friends to modify an object, watch the 3d printer how its printed and finally be able to get it as physical object in short time.

Its using only **0.35g** / **12cm** of Filament and prints in spiral vase mode in **3 minutes**.

Its good to show how a 3d printer works (kids can observe the print and take something home afterwards). The OpenSCAD source code is minimal (just a cylinder), it is a very simple example for kids to start with.

Also included is a gcode file with 9 cups, printed sequentially: The vase mode results in the most beautiful cups, but can normally just print a single object. But printing several cups in one go is still possible with the sequential print mode, as the cups are small. Its fun to watch the print start again in different places of the print bed.



Have fun!

Model files

cup_v2.scad

cup_v2.stl

Print files

cup_v2_02mm_pla_mk3_3m.gcode

PLA | 0.40 mm | 0.20 mm | 0.05 hrs | 1 g | Prusa MK3/S/S+

9_cups_v2_02mm_pla_mk3_26m.gcode

PLA | 0.40 mm | 0.20 mm | 0.43 hrs | 2 g | Prusa MK3/S/S+

This is a sequential print of 9 cups, each with spiral vase mode print

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