



Mini dinner set with plate forming tool



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Summary

Simple dinner set and print-in-place forming tool

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Here's a simple dinner set and print-in-place forming tool to shape flat 3cm disks into 3D shapes. Drop the unformed plates into hot water then quickly and carefully place them into the forming tool and close it.

The plates are 0.6mm thick. Use 0.2mm layers for printing them. The top and bottom layers can be concentric for a better look but make sure the middle layer is lines or rectilinear otherwise it'll break in the mould.

<https://youtu.be/uXkZVvtczlo>

Model files



plate.stl



platedie1.stl



platedie2.stl



cup.stl



chopstick.stl



minidinner.set.scad



bowl.stl



table.stl

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