



Picture Maker with waste filament



TheMadRobot

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Summary

The issue with 3d printing is you usually have offcuts of filament. This is a solution to allow you to turn those...

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The issue with 3d printing is you usually have offcuts of filament. This is a solution to allow you to turn those offcuts into art.

Printer Settings

- No rafting
- No support
- 10% infill
- 0.3mm layer height

How to make a picture:

[\(Click here for Instruction video how to make the picture\)](#)

- Print one of the picture board designs
(Note: The picture board are designed to be used with 1.75mm diameter filament)

- Insert pieces of filament in each of the holes then cut the excess filament above the surface of the picture board
- You and place the picture board over a picture or your phone/tablet to copy a design you like

How to lock the picture in place:

- Preheat an oven to 200degree centigrade
- Place the picture maker board on a flat oven tray and place it in the oven
- Wait for the picture board to soften and turn slightly shiny. You will know when the picture is ready as the ends of the filament in the hole will become slightly rounded
(Note: I have found this take roughly 5 minutes but depending on the filament you use the time will vary slightly)
- Finally, remove the picture from the oven and leave it to cool.

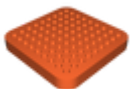
Model files



picture_maker_coaster_-_512.stl



picture_maker_-_21x21_v2.stl



picture_maker_small_-_9x9.stl



picture_maker_medium_-_51x21.stl



picture_maker_large_-_63x45.stl

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