

Fairy Door

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Marco3D

Materials needed:

- All printed parts
- 3 mm wire (filament or for example electrical wire) about 10 cm.
- Super glue.
- Hand drill (3 & 6 mm)

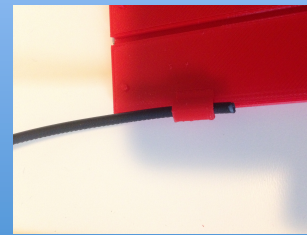
Print instructions when using PLA:

- Nozzle temp: 200 dC, Bed temp: 70 dC, Print speed: 60 mm/s.
- Use brim for small parts
- Frame, mailbox, handle, lock & sign pointer: **black**.
- Door: **red**.
- Sign & Flower (3 times!): **yellow**.

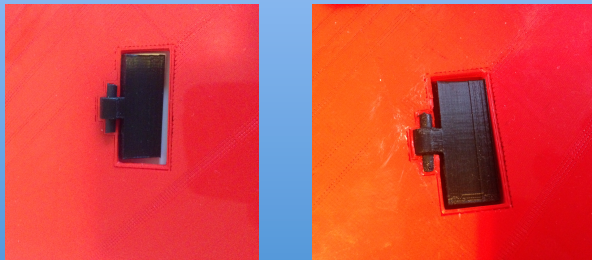
Step 1: print all parts



Step 2: Drill (3mm) hinges on door and mailbox parts. Make sure they can move freely on 3 mm wire.



Step 3: cut wire on mailbox part to match the slot on back of the door. Insert in slot. Use some glue to fixate



Step 4: After drying of the glue, make sure the mailbox can move freely.



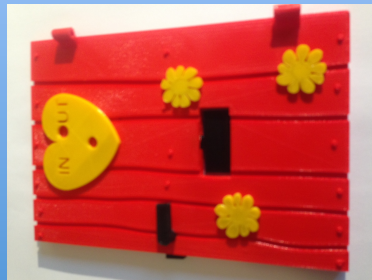
Step 5: Insert handle in the door. Make sure it moves freely. If not, use a drill (6 mm) to enlarge the hole.



Step 6: Glue lock on the end of the handle. The small bump on the lock should be facing away from the door.



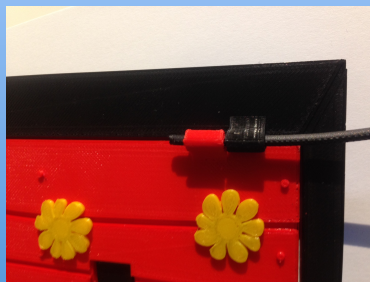
Step 7: Mount the flowers and sign in the holes. Use glue to fix them to the door.



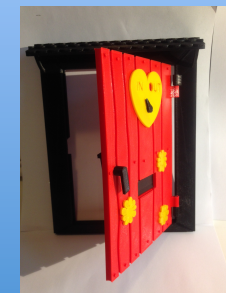
Step 8: Mount the sign pointer on the sign. Do not glue as the Fairy must be able to move it.



Step 9: Mount the door in the frame. Insert wire into the hinges and cut to size.



Step 10: Use glue to fixate the wire to the frame hinges if needed. Make sure the door can move, otherwise you will end up with a very angry Fairy!



Step 11: Find a nice spot in your house or outside in the garden.

