



Incredible Bubble Straw for Kids

 RT3D

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updated 13. 5. 2022 | published 14. 11. 2021

Summary

This is like a bubble wand but better! More bubbles!!!



0.97 hrs



1 pcs



0.30 mm



0.40 mm



PLA



9 g



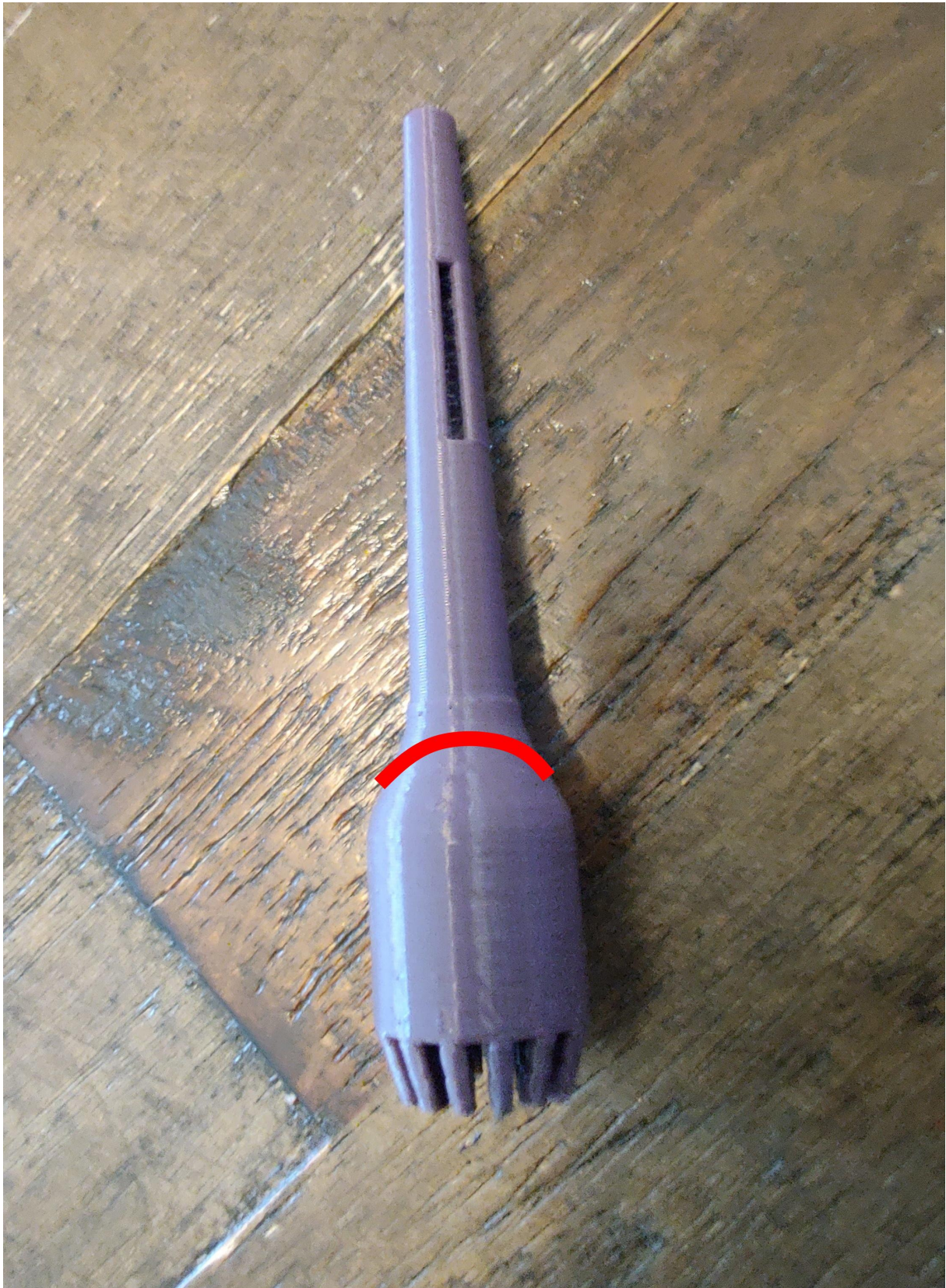
Prusa
MK3/S/S+

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Tags: [straw](#) [bubble](#) [bubbles](#) [bubblewand](#) [bubblestraw](#)

Lots of fun with a bubble straw that produces a ton of bubbles for the kids.

Use: Make sure the tip of the straw is submerged in the bubble solution for best performance. See the photo with the red line.



I've included the .3MF that uses the default Prusa slicer setting on MK3s for 0.3mm in PLA. Print settings are listed below.

Filename:

- 1 x BubbleBlowStrawToy.stl

- 1 x BubbleBlowStrawToy_Solution_Container_Optional.stl (**Optional Print**)

Print Settings:

- **Printer:** PRUSA MK3S
- **Resolution:** 0.3mm Layer Height (0.4mm Nozzle)
- **Filament:** PLA
- **Supports:** No
- **Raft:** 3 Raft layers are recommended to hold the print in place.
- **Note:** I didn't want to use a brim on the feet as would be difficult to clean up. I found the raft was the best option.

Bubble solution used when making this: <https://www.target.com/p/bubble-solution-128oz-sun-squad-8482/-/A-77334592>

Update: 05/13/22

- Added an experimental model, and added more fins to help produce more little bubbles.
 - Experimental_MoreFins_BubbleBlowStrawToy_Without_Handle_v1.stl
 - Printed on the PrusaMini



Update: 02/11/22

- Added BubbleBlowStrawToy_V2.stl, which adds a handle and mouthpiece. Print orientation changed, brim or raft can be used.

Looks more like a horn.



- Added BubbleBlowStrawToy_v2_Without_Handle.stl, which adds the mouthpiece.



Attached is the video below of my daughter testing out the bubble straw.

Model files



Experimental

1 file



experimental_morefins_bubbleblowstrawtoy_without_.stl

□ v1.0



Version v1.0

2 files



bubbleblowstrawtoy.stl

☐ Original STL if you want to print at 0.2mm instead of 0.3mm



bubbleblowstrawtoy.3mf

☐ .3MF File loaded with Print settings for 59min print time.



Version 2.0

3 files



bubbleblowstrawtoy_v2.stl

☐ Revision, added handle and mouth piece. Can be printed opposite way.



bubbleblowstrawtoy_v2.3mf

☐ .3MF File loaded with Print settings for 1hr 19min print time.



bubbleblowstrawtoy_v2_without_handle.stl

☐ Revision, added no handle and mouth piece. Can be printed opposite way.



Optional

1 file



bubbleblowstrawtoy_solution_container_optional.stl

☐ Optional print for holding your bubble solution

Print files



bubbleblowstrawtoy_03mm_pla_mk3s_59m.gcode

PLA 0.40 mm 0.30 mm 0.97 hrs 9 g Prusa MK3/S/S+

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