

Babelele (3 string tiny ukulele like instrument)



Big.One

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Summary

An example of 3D model generated with my Gugulele OnShape script...
Headless 3 string instrument Gourd shaped design...

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An example of 3D model generated with my Gugulele OnShape script...

- Headless 3 string instrument
- Gourd shaped design
- 250mm string length from nut to bridge
- Single rectangular through-body spine
- Single oval off center sound hole
- Tail-end placement of friction tuners
- 2 pieces snap fit
 - body 320mm x 110mm x 57mm
 - fretboard 152mm x 35mm x 12mm

I designed this for kids, but adults can sort of play it. Since this is a 3 string instrument, there isn't a standard tuning. My demo video (<https://youtu.be/FQDd4ztBd5A>) has it tuned to A - C# - E i.e. A Major triad.

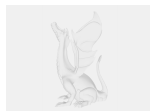
Third Party Parts:

- Spine/rods e.g. <https://dragonplate.com/ecart/product.asp?pid=749&cID=20>
 - It comes in ~610mm (24") long, just cut it down to size ~290mm...
 - if you don't use a rod, the neck will bow under string tension
- Cheap friction tuners like <https://www.amazon.com/gp/product/B002HFQ88Y>
- Any soprano ukulele string set should do, e.g. <https://www.amazon.com/gp/product/B07SQ6DFKL/>

You can just snap fit the parts together!

Category: 3D Printing

Model files



large_display_bpp_-_fretbd_157048.stl



bpp_-_fretbd.stl



bpp_-_body.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com/thing/157048)

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