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# A 3D Printed Simple Mechanical Frog.

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Located at: <http://www.youmagine.com/designs/a-3d-printed-simple-mechanical-frog>

## Short description:

A 3D Printed Simple Mechanical Frog.

## Description:

<https://youtu.be/Xp4VvNUvnMY> We did not have the Lego pieces necessary to create JK Brickworks Lego Frog, so I designed, 3D printed and assembled this version for our grandkids. The joints are ball and socket with .2mm clearances and simply snap together. There are 8 unique 3D printed pieces (10 total) that create the frog, all pieces print without support and, for me at least, required no filing, sanding or other clean up prior to assembly. Designed using Autodesk Fusion 360, sliced using Ultimaker Cura 4.8.0, and 3D printed in PLA on an Ultimaker 3+ Extended and on Ultimaker S5s.

If you can, please use the online documentation found at <http://www.youmagine.com/designs/a-3d-printed-simple-mechanical-frog> because those may have been updated. Also, there you can interact and provide praise and/or feedback.