

Rowdy-Walker Printing & Supporting Material Removal:

Printing:

-Use ABS material

Cura settings:

-**Fill density:** successful walkers printed between 60-80% infill

-**Support type:** everywhere

-**Platform adhesion type:** Brim

-**Print scale:** 75%

Tools:



Pre-saved on red USB:

- Next to the front display, insert the USB. Use the track wheel to select, "RowdyWalker#6.gcode"

Removing supporting material:

-Use a small flathead screwdriver to scrape/break/remove the inner supporting material found in between the moving leg and fixed leg. Slowly break off the supporting material with the screwdriver and remove as you go. If you need to pull some of the supporting material located beneath the arch of the moving leg, use a small pair of needle nose pliers. Work slowly (about 10-20 mins to complete).

-You may need a flashlight to get a better look at what you are breaking off.

-It is best to study the layered cross-sectional view in Cura of Rowdy to see exactly where the supporting material is located within the assembly. The goal is to only remove the supporting material.

-Be careful not to break the inner rod that supports the moving leg.

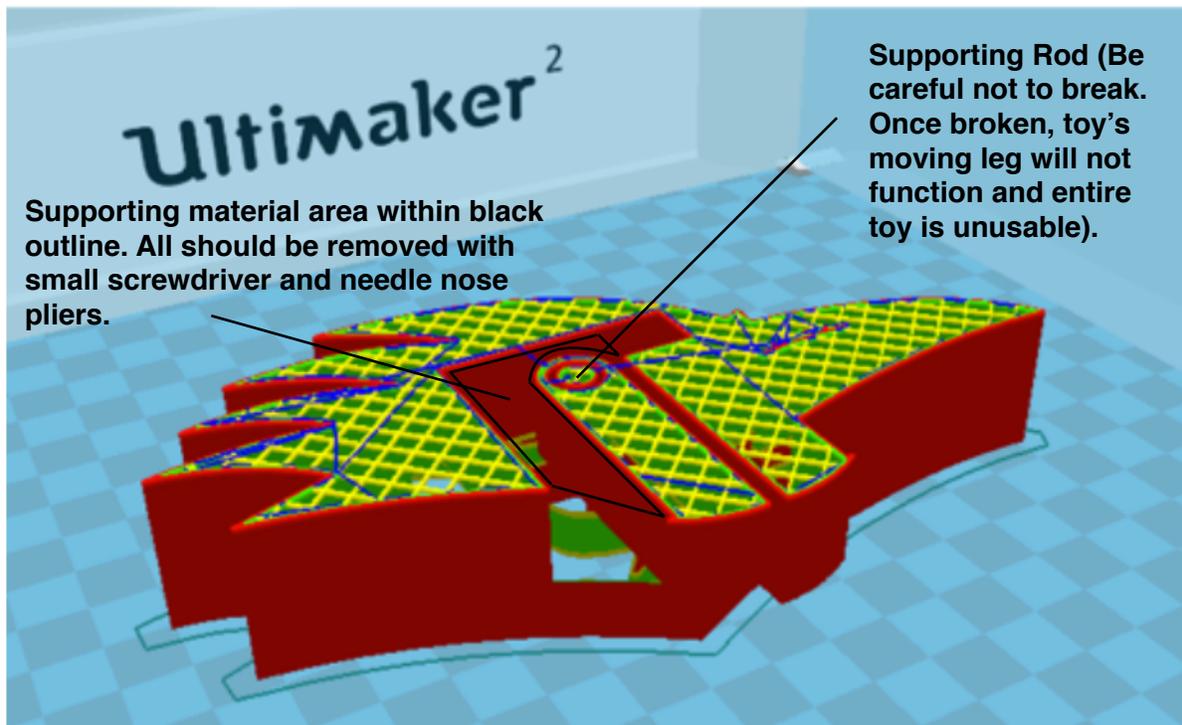


Figure C-6: Cura Layered Profile for Conceptual Design #6