Printrbot Simple 2014 3D Printer

Plug in 3D printer power cable to power source.

I. Connect 3D printer to computer via USB.

II. Turn on Computer. Computer password: makerspace

III. Feed filament into the printer if it is not already connected.

Filament goes here
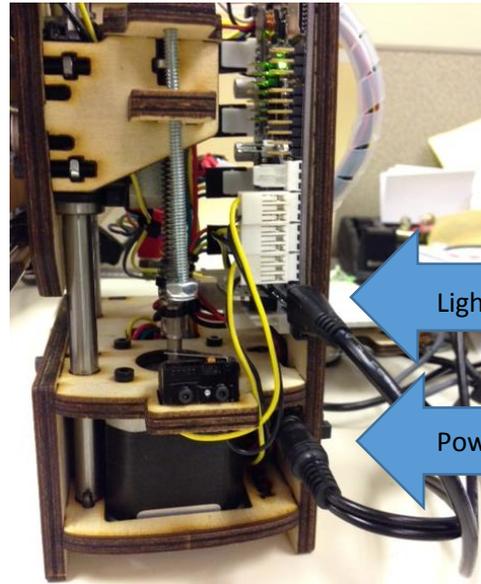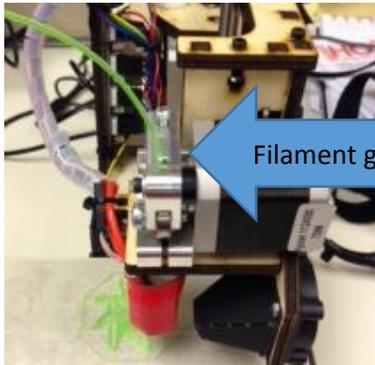
Lightening USB

Power Source

IV. Open Repetier on the desktop

Repetier-H...

Repetier-Host
Location: RepetierHost (C:\Program Files\Repetier-Host)

V. Click on Connect

Repetier-Host V0.95F

File   View   Config   Temperature   Printer   Tools   Help

Connect   Load   Save Job   Run Job   Kill Job   SD Card   Toggle Log   Show Filament   Show Travel
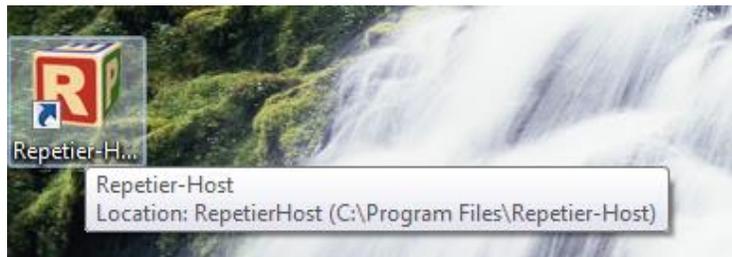
3D View   Temperature Curve
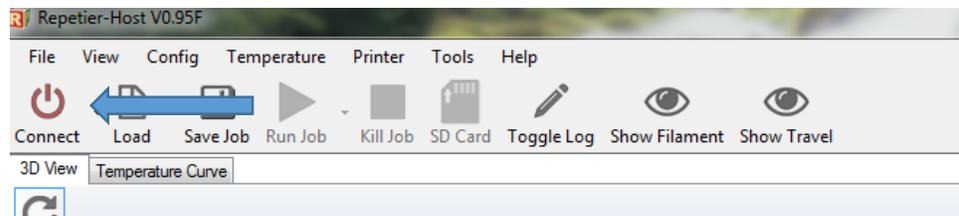
VI. In the Manual Control Tab, scroll down and click Heat Extruder. You can watch the temperature rise in the Temperature Curve tab.
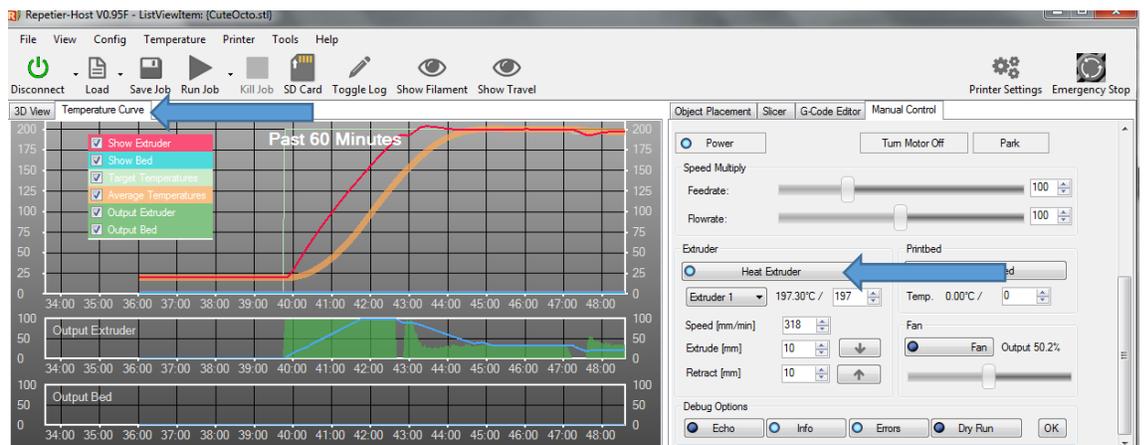
VII. Once extruder is heated (note: it will be hot! Do not touch it!) click on Load.
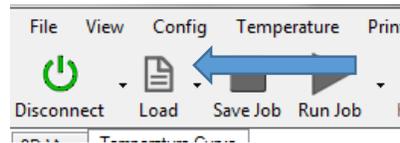
VIII. A file select window will pop up. Select one form the file list in the Downloads File.
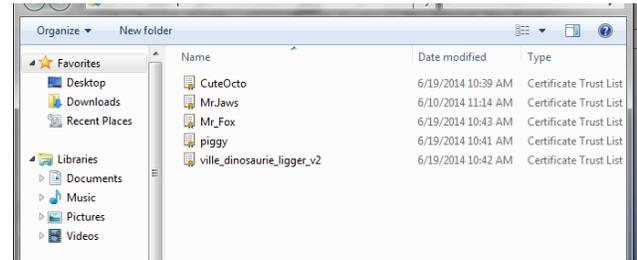
IX. Click Open.

X. Repetier will import the file and you will see an image drop down into the 3D View.

XI. In the Object Placement tab, in the Scale X box. Click on the "1". Replace it with ".75".
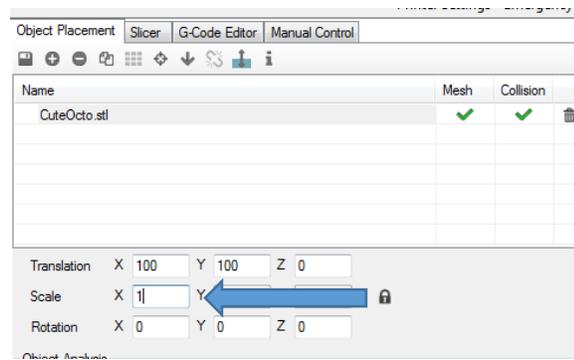
XII. Click on the Slicer Tab and Click the "Slice with Slic3r" button. If there are any problems or you need to modify your size, this will tell you. If you need to make the object smaller, go back to the Object Placement tab and change the ".75" to ".65" or something smaller.
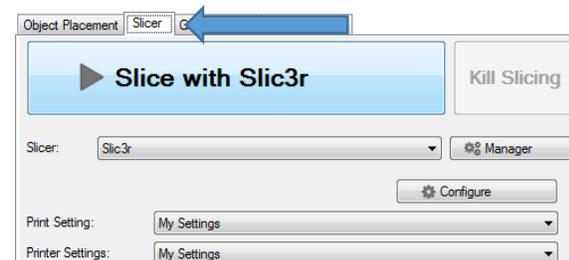
XIII. Click Run Job

XIV. If at anytime there is a problem. Click on Emergency Stop in the upper right corner.

XV. Once the print job has finished. Click Disconnect. If the extruder did not automatically turn off after the print job, it will ask you if you want to turn it off. Select Yes.

XVI. Wait until the extruder is completely cool and the fan has turned off before disconnecting and packing the 3D printer.