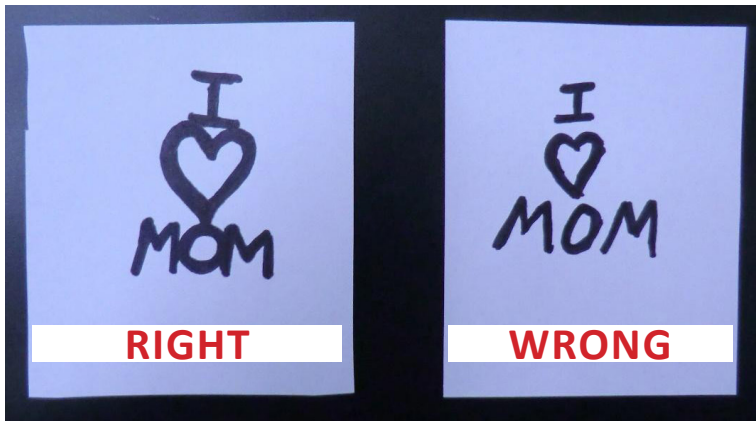




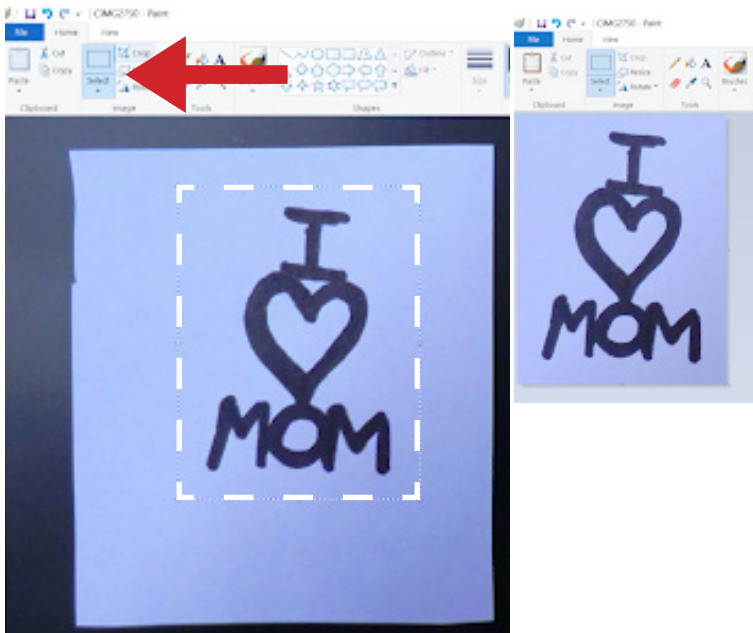
Supplies needed:

- Cura and Prusa 3-D printer

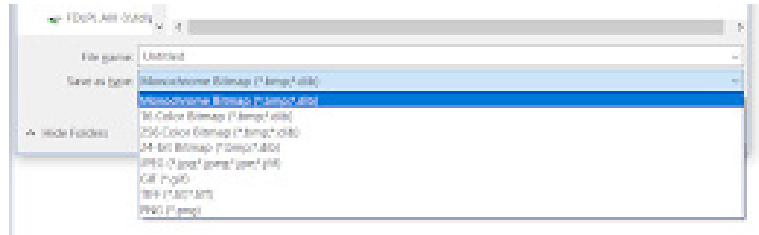
1. Draw a doodle: Drawing must be black and white, and fairly thick lines. Make sure all drawing pieces are touching each other – no free-floating lines. Tip: If you want to attach your printed doodle to something like a zipper-pull or key chain, be sure to include a ring or hole in the drawing.



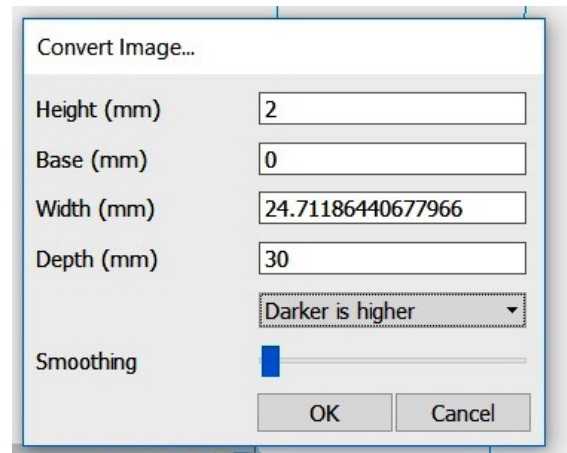
2. Create a digital file: Take a picture of your doodle, open it in Paint and, if necessary, use Select and then Crop to create a file that contains just your doodle.



3. Save the file, choosing file type Monochrome Bitmap from the drop-down box



4. Open the file in Cura. This dialog box will appear:



- The Height is the thickness of the final print. 2mm is good for a very small print; use a larger number for a bigger print
- Always set the Base to 0mm. This keeps the image from having a background. If you want a background, set Base to some number smaller than your Height
- Width and Depth set the size of the print.
- Make sure to select “Darker is Higher” on the drop-down menu
- Ignore Smoothing.
- Click OK
- If you don’t like the look of the height or size of your print, delete the file and open it again, using different settings.

Change the print settings

- Set Infill to 50%
- Don’t use Supports or Build Plate Adhesion