


#### Step 1 - Inventor

1. Go to the “I in the sky”
2. Go to the arrow next to “Print”
3. 3D Print preview
4. Click “Options...” and change units to millimeters
5. Click “Save as” , it is now an .stl file.

#### Step 2 - TinkerCAD

1. Import into TinkerCAD
2. Change orientation of object to be 3D printed most efficiently.
  - a. Flat as possible
  - b. No overhangs if possible
3. Change size if necessary
4. Export (still should be an .stl file)

#### Step 3 - Astroprint

1. Import into Astroprint
2. Choose Flashforge, Creator Pro for machine
3. Choose PLA for material
4. Click “Design Uploader”
5. Slice object
6. Download sliced object (now and .x3g file)
7. Change the name to something short, i.e. one word, no spaces, no dashes or symbols. It may not show up on the printer screen if it too long

#### Step 4 – FlashForge

1. Download on to a SD card
2. Put card into printer
3. Put glue on printed
4. Select print