3D Printing Stuff for Open House

Attention to all members :D

We’re planning to 3d print some stuff over the holidays to display/ give away at the open house booth! (and also print some anime figurines for jfire maybe). Hence, we are asking you guys for 3D models to print, as long as it’s related to Computer Science or NYCompSci!

If you are new to 3D modeling, you can try [TinkerCAD](https://www.tinkercad.com/). It’s really easy for beginners to learn and use and it doesn’t require any programming knowledge. If you are a programmer, you can code your 3D model with tools like [BlocksCAD](https://www.blockscad3d.com/editor/) (Simple like Scratch), OpenSCAD/ Blender’s Python API, so that we look like a more impressive SIG ;)

Terence will be helping us print the models at Jurong Library once they’re done, so no traveling is required. Also, for those who help, you can also submit some of your own models for yourselves as well, and if we have time, we’ll help you print them and you can keep them!

Keep the models small (about 5cm X 5cm X 5cm), and put your .stl model files (and your code if you coded) in this folder by next Friday! More technical details in this folder too!

<https://drive.google.com/open?id=1RV6RB5ycszVZ5SKEqQb4n8ywZuArkXc0>

# Constraints for models

1. 5cm X 5cm X 5cm We may tweak the size of the model on printing depending on the print time we have available for free
   1. We have an estimated 12 hours of print time at Jurong Library, split over 4 sessions.
      1. Aim to print a model in 30 minutes
      2. Those who want to print more can go Jurong Library to register! A parent’s signature & attending a 3D printing workshop is needed first though
   2. The 3D printer used is <https://store.flashforge.com/dreamer-3d-printer/>
      1. We are using Flashprint <https://www.flashforge.com/download-center>
      2. Printing on low resolution settings, so you could slice your models to get an estimate of your print time
2. Design the models from scratch. You get to learn a new skill at the same time, and it’s way more meaningful than just downloading an .stl file online.