

Find two people to work with so make groups of three. If you don't want to work in a group of three, work alone. Don't make pairs.

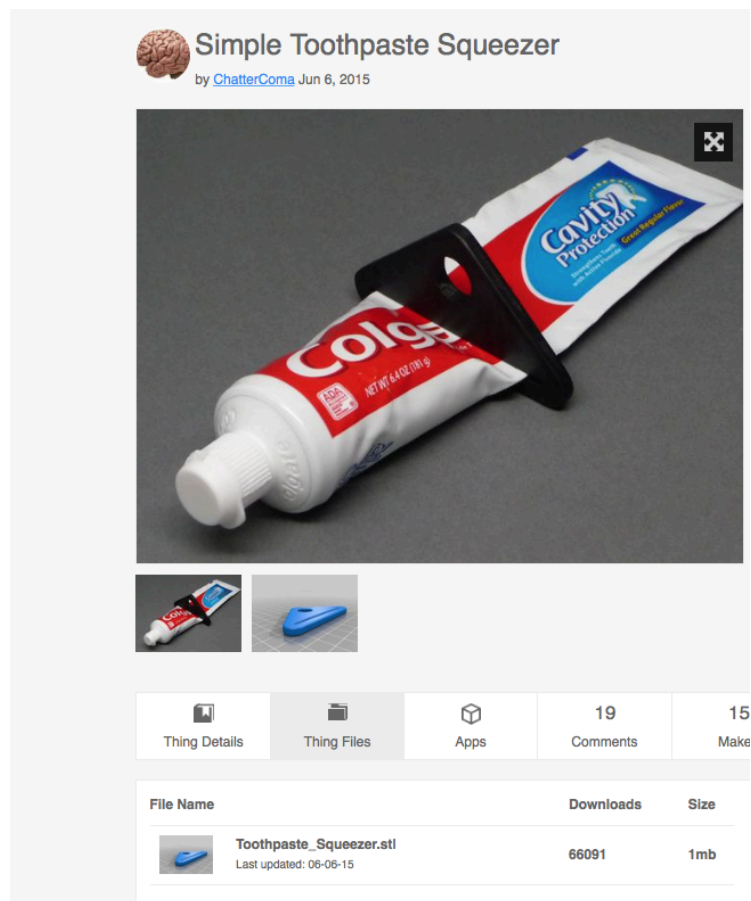
Part I:

Select a *simple* print from this site:

<https://www.thingiverse.com/>

Whether it is simple enough or not will be decided by the TA or the teacher so please check in after you find the item you want to print and before submission.

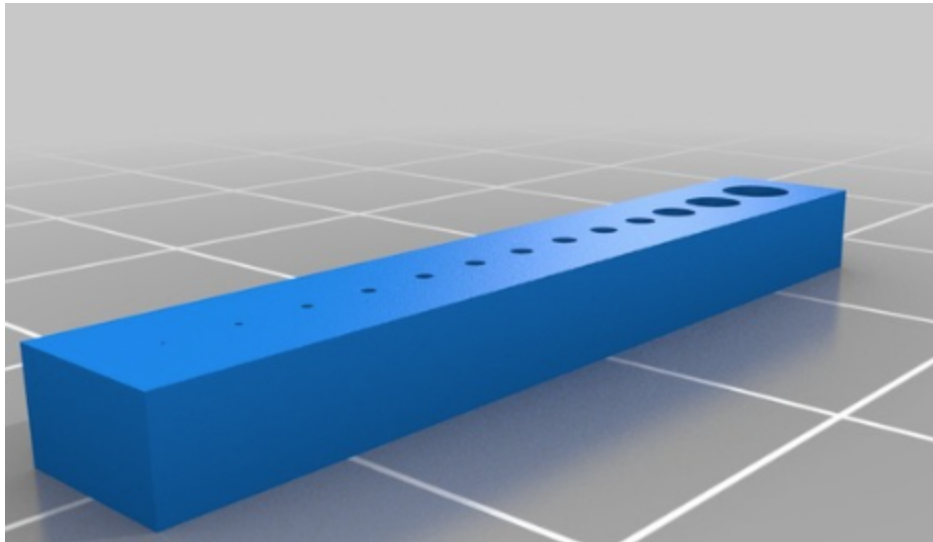
Next go to the “Thing Files” button below the object, click and download the STL file like so:



First create a folder called '3D printing class' in your google drive. Download the STL file onto your desktop and then move it to your google folder 3D printing class. Make this file editable. **Share it and submit it** using our class's submission form.

Part II:

Next design a simple thin rectangular prism with holes of different sizes that will fit into our 3D printer. Ask the TA to show you the printer so you can understand how large your print can be.. Make at least 6 different sized hole on your plank like this:



Make a note of the diameter of the holes. Take a snapshot of a corner view of the object. Then save it as an STL file. Here is a [tutorial](#) to rename your file and save it as an STL file on your desktop. Then move it to your google drive

Share and Submit.