

One Awesome Two-Day 3D Assignment

Part 1 Due Thursday 9/28, Friday 9/29

Part 2 Due Monday 10/2

Design an original, unique, interesting 3D object in Tinkercad in two substantial sessions. The object must meet the following criteria:

1. It needs to be original. Meaning, you created it today and next class, you didn't copy any part of it from anyone else or from something you made previously.
2. It needs to be non-trivial, meaning it took a lot of effort to create. Your work must span over at least two days of working on it substantially.
3. It needs to be really cool and interesting.
4. You may not use more than 2 items from the "characters" type of shape in Tinkercad. You may not use any items in the CIRCUITS or PRINTABLE KITS categories.
5. The object does not have to be printable - this assignment is just to make something super cool.
6. Right away, please rename your project in Tinkercad to " yourname - awesome 3D creation".
7. After the first day of working on this, open the Google Doc attached to this assignment. Switch back to Tinkercad and take a screenshot of your project. Before you take the screenshot, arrange the view window so that your project looks really cool (find the best angle in other words). You take a screenshot using Shift-WindowKey-S. Paste the screenshot into the box in the Google Doc. That's your day 1 deliverable. (Meaning, stop working on the project after taking the screen shot.)
8. The next day (Monday). work on the project more. You must do substantial work on the second day.
9. When you are done on the second day, take another screenshot of your work (get it to be the same viewing location/angle as you did on day 1 before you take the screenshot). Paste the new screenshot into your Google Doc in the right box (the day 2 box).
10. Finally, turn in a share link of the Tinkercad project (get the link using the person with the + sign up at the top right of the window) and then turn the link and the Google Doc in on Monday.

Tinkercad automatically saves your work as you create it, so no need to download or save or turn in anything until you are finished, just **document your progress after each day using the screenshots.**

We aren't printing these: the main idea is to make something that looks really cool in Tinkercad using the 3D design environment. If you want to make something that you can print, that's awesome. Be sure to follow the 3D printing dos and don'ts we learned the other day.