

# Assignment for Week 2 - due by the third class period

JMU 3-SPACE Classroom

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Note that the second part of this assignment is to do with your partner. The blog post will be graded as a joint assignment and you must work on all parts of it together.

1. Update your first-week model and print it. You should do this on your own Tinkercad account, not on the class account. When you are done, update your model on the class Tinkercad account. Make notes of any settings you use on the 3D printers for your print jobs, and keep all your failed prints with notes about what went wrong in each case. You'll need all that for a short report next week. The 3-SPACE classroom will be open Thursday 10-3 and Friday 1-6 for you to print your model. I'll be here to help if you need assistance.

2. Research, write, and post a blog entry on the 3-SPACE Wordpress site with your partner.

- You can log in by going to <http://geekhaus.com/3space/blog/> and scrolling down to the bottom of the right hand column, and selecting "Log In" under the heading "META".
- Your username and password were sent to your JMU email account on Saturday 11/19.
- Your blog post should include a picture and a video, as well as links and attribution whenever possible. The post <http://geekhaus.com/3space/sample-post-2/> can serve as an example of a very short blog post; yours should contain perhaps twice the amount of information, pictures, links, narrative, etc, but this casual style and tone is appropriate. Find articles or videos online that are about your topic and provide links to them, connecting these links with a short narrative. Remember that you are compiling information, not writing a long report.
- Your blog post should fit into one of the two categories below. When you make your post, please tag it using the "Category" menu on the left of the edit screen.
- Finish by "publishing" your post. Don't worry, it can always be edited later.

CHOOSE ONE of the following blog posts to write:

- Society/Politics: Choose a topic that concerns how 3D printing is affecting society today, or will affect it in the future. Examples include copyright law, file sharing, individualized commercial products, impact on existing commerce, medial applications, legal issues of ownership and warrantee, re-establishing manufacturing capability in this county, regulation of what can be printed, new sectors of the economy or employment, new business models, consumer printing in the home, etc.
- Technology/Manufacturing: Choose a topic that concerns the technology behind 3D printing, either existing today or in development for the future. Examples include existing 3D printing capabilities in industry/engineering, capabilities at the consumer level, possible future technologies, materials that can be used in 3D printing, the science of bioprinting or printing circuitry, patent law and how it affects what technologies are available, companies that have moved to using 3D printing as their manufacturing process, products and objects at the limits of what we can 3D print today, etc.