


This week we're going to learn a vector drawing program called Gravit Designer. We'll create and use a free account using our Gmail address.

Steps to get in:

1. In a browser, log in to your school Gmail account.
2. Open a new tab, go to <https://designer.gravit.io/>
3. Click the Google icon under "or login with" and follow the prompts if necessary to log in using your School Gmail account. If you are asked what program to use, choose Gravit Designer.
4. You should be asked what type of document you want to create. New Design will be selected on the left. Click near the printer icon on "Paper Size" and choose US Letter Portrait. This opens a new, empty document that is the size of a piece of binder paper.

Here are the requirements for this week's Gravit Designer assignment. Remember, when you hold your mouse over a tool in the toolbar Gravit gives you some tips and help right there on the screen. If you get stuck, [watch my video](#) where I do today's assignment completely.

1. Use the shape tool to draw one of each type of shape. Place them in a column, that is, not all on top of each other:
 - a. line
 - b. rectangle
 - c. ellipse
 - d. polygon
 - e. triangle
 - f. star
2. Draw another rectangle while holding down the shift key to draw a perfect square.
3. Draw another ellipse while holding down the shift key to draw a perfect circle.
4. Change the polygon object. Click on the polygon. A panel over to the right shows you options for the polygon. Change the number of points. This controls how many sides the polygon has.
5. Change the star object. Click on the star. A panel over to the right shows you options for the star. Change the number of points.
6. Use the pen tool, draw something. Remember, to draw with the pen tool you click and let go, then move the mouse and click and let go, repeatedly, it's a different kind of drawing tool.
[Watch my video if you are stuck.](#)
7. Use the text tool, type your full name.
8. Make a copy of your name, flip it using one of the flipping tools 
9. Put the two versions of your name near each other.
10. Create a new, smaller object. Use Control-D to duplicate it. Move the Duplicate just below the original. Type Control-D four more times so that you end up with six of the object all stacked together.
11. Save your project (under the File menu, name the file with your name and the # 1).
12. Optionally, do anything else you want in this document. Mess around a bit, have some fun. Try out a feature that I haven't asked you to try. If you find something super cool, leave me a comment on the assignment in the Google Classroom.
13. When you are done, Save the document again, if necessary, then click the Share button, copy the link, and then turn that link in on the Google Classroom.

Remember, if you get stuck, [watch my video](#).