

Gravit #5 Drawing

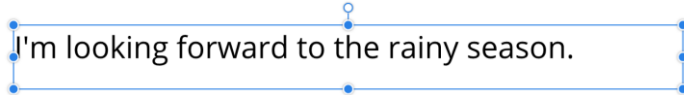
Due: 4th period: Thursday 9/10/20, midnight

3rd & 7th periods: Friday 9/11/20, midnight

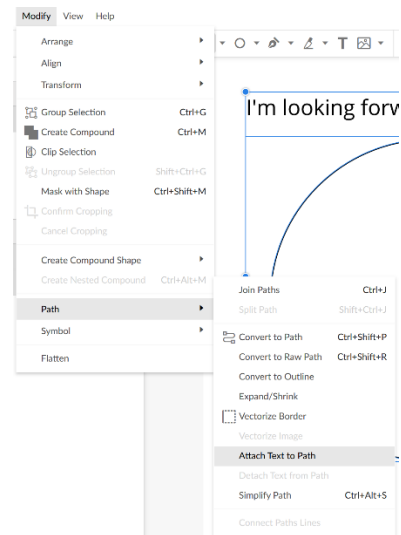
Today we're learning and practicing more Gravit drawing skills. If it helps, [here's a video](#) where I do it, too.

Steps:

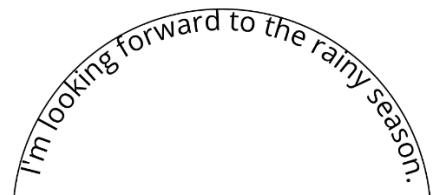
1. Go to Gravit. Start with a new, empty, US-Letter Portrait 8.5 x 11 inch document.
2. Select the text tool. Drag to make a text box that goes from left to right across most of the document. Type some text that fills up most of the space. We're going to curve this in a minute around an ellipse. Here is what I wrote:



3. Choose the ellipse tool. Hold down the shift key while drawing a large circle, that fills up half the page. Turn off the fill on the ellipse, turn on the border.
4. Select both the text and the circle (you can click on one of them, then shift-click on the other to select them both, or type Control-A to select All items in the document, at this point, just the text and the circle.)
5. Click on the Modify menu, go down to the Path option, and inside that submenu choose "Attach Text to Path". See image to the right. This makes the text pop over and curve onto the circle.



6. There is a little handle on the far left side of the text. See the little square on the first letter I in my image above? Click on that and drag it until your text is centered above the top of the circle like this:
7. Make sure the text is selected and click on the Convert to Path button in the menu bar.
8. Delete the circle. The text should stay curved. If it pops back to being straight, you did not convert the text to a path. Choose undo, and try step 7 again.



Continue on the next page.

- Draw a small circle on your page near the top left. Click on it and duplicate it 7 times. Drag one of the copies to the far right of the page. Select all of these little circles. Choose the Distribute



Horizontally button over on the far right of the controls. It looks like this: . Also, click on the

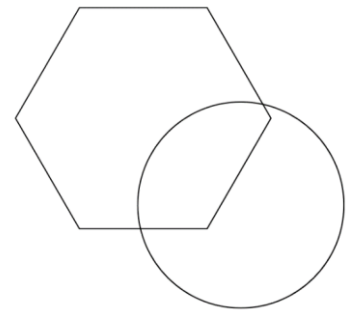


Align Middle button that looks like this: .Your circles should now be distributed across the page like this:



- Draw a small rectangle below the circles over on the left side of the page. Duplicate it 7 times. Drag one copy way down to the bottom of your page. Select all of the rectangles. Choose the "Distribute Vertically" button and the Align Centers button. You should have a column of neatly lined up rectangles.

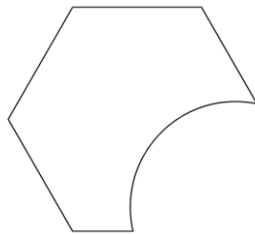
- Draw a large polygon. Turn off the fill, turn on the border.
- Draw a circle that overlaps one whole side of the polygon like this:
- Select both shapes.



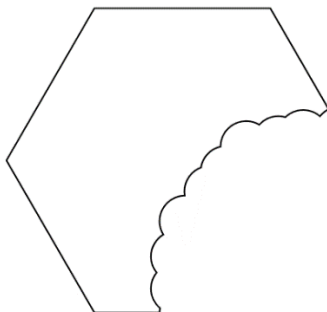
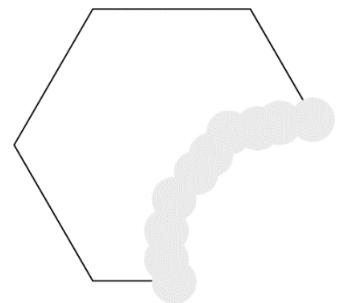
Use the Path Subtract tool under this icon:



to turn the



- Make a bunch of small circles and line them up along the edge where you already subtracted the circle like this over to the right. You can make one circle then hold down the Alt key to drag and make a new copy of the circle, over and over.
- Select the polygon and all the circles, and choose the Path Subtract tool. This makes it look like someone took a toothy bite out of the polygon as shown below.



- It should look something like the image below and to the right. If it does, you're done. If you need help, [check out my video](#) which shows you how to do it.

- Save the document, naming it Gravit 5. Get a Share link, turn that in on the Google Classroom.

