

Project Make, Scratch day4 letter twirling assignment
Due: Wednesday 10/7/20 by midnight, all classes

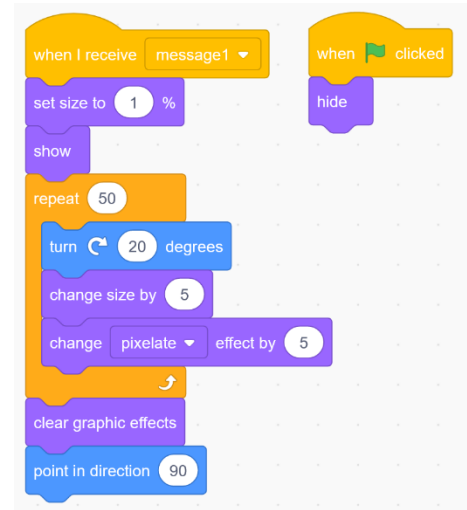
Today I'm asking you to do another Scratch project. This one takes one letter of your initials (your first or last initial, you choose) and animates it while shrinking and adding visual effects, then animates a second letter getting larger. That may sound confusing, but I will walk you through it all right here. (Plus, if you'd prefer to watch a video, [here is a video](#) where I work the whole thing out.)

Steps:

1. Create a new project. Name is day4 letter twirl.
2. Delete the cat sprite. Create a sprite that is a letter, use either your first or last name initial.
3. Add a when green flag clicked event block, then under it add a loop, set the loop to run 50 times. Inside the loop add the following:
 - a. Change size by -5
 - b. Change (your choice of visual effect) by 5
 - c. Turn 20 degrees
4. After the loop, add a "Hide" block (under Looks) and add a "broadcast Message1" block.
5. Above the loop, add the following:
 - a. Set size to 400%
 - b. Clear graphic effects
 - c. Point in direction: 90
 - d. Show
6. Run your program. Your letter should spin while getting smaller and while the graphic effect you chose gets more and more pronounced.
7. Now to the next sprite. Create another letter sprite. Use a different of the three fonts they give you.
8. Copy the entire program from the first sprite over to the second sprite. You can do this from inside the first sprite by clicking on the "when green flag clicked" block and dragging over to on top of the other new sprite in the lower right spite pane. Go to the other sprite, and see the entire script there. We're going to use all of these pieces to make the second part of our script. (If you aren't able to copy the script over, [please watch my video](#), I show you how to do it there, this will save you a bunch of time!)

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9. In the new sprite, add a new event block "when I receive message1". Under that, move the "set size to 400" and change it to "set size to 1".
10. Next move over the "show" block.
11. Next move over the whole loop. Inside the loop change the -5 size to positive 5.
12. After the loop add a clear graphic effect block and a point in direction 90 degrees block.
13. Under the green flag block make it so there is only one block: Hide. You should have what I show here to the right (but your visual effect will be whatever you choose). Everything else you can delete.
14. Run your program. The first letter should start large and spin while getting smaller and showing the visual effect. Then the second letter should start very small and get larger while showing the visual effect and spinning and then end up very big with no visual effects. When you press the green flag it all repeats.



If you aren't sure what I mean by all of this, [watch the video](#).

When you are done, please turn in a share link for the project on the Google Classroom. This is due by midnight 10/7/20 to be marked present for today. Good luck!