Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Basic Computer Programming

Go to the shared drive and open the program “Square.sb”

The left side of the screen shows you command options. The middle window shows the actual computer program. The right screen shows what the program is making the computer do. Click on the green flag above the right screen to run this program.

1. What happens if you change the turn angle to 45? 135?
2. Change the code so that it will draw a triangle instead of a square. What did you have to change to make this happen?

Now let’s look at something a little more complicated. Go to the shared drive and open the program “doily.sb” This starts with a square but keeps changing the angle that it starts drawing it so they overlap to make a star or doily pattern. Using your code from part 2, change the starting shape to a triangle.

1. What happens when you change the number of steps to 50? 200?
2. What if you change the pen size to 1? 10?
3. Time to get creative. Show the teacher what you feel is your best creation.
4. Want more ideas on what you can do with programming? Visit scratch.mit.edu