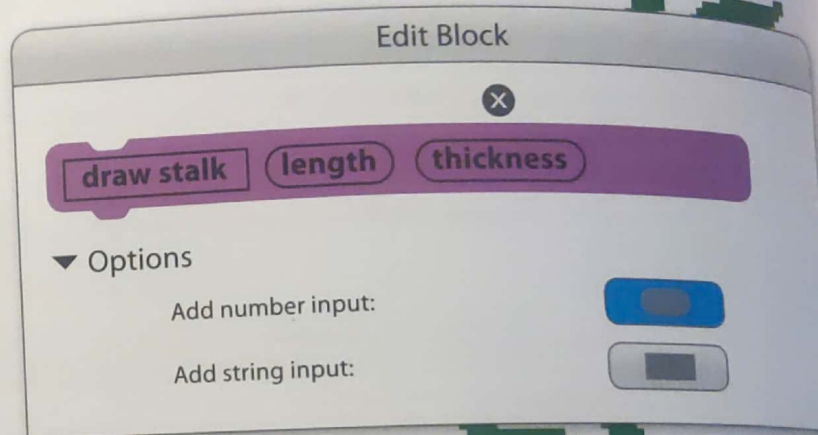
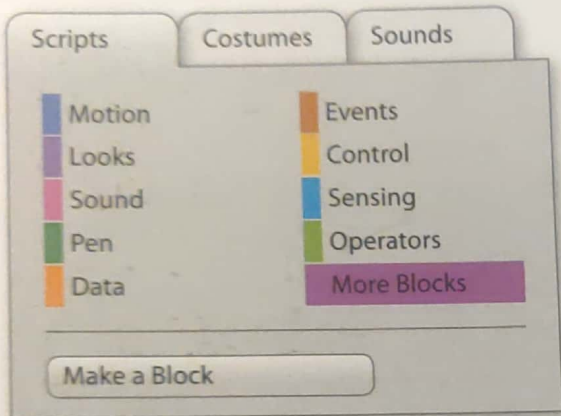


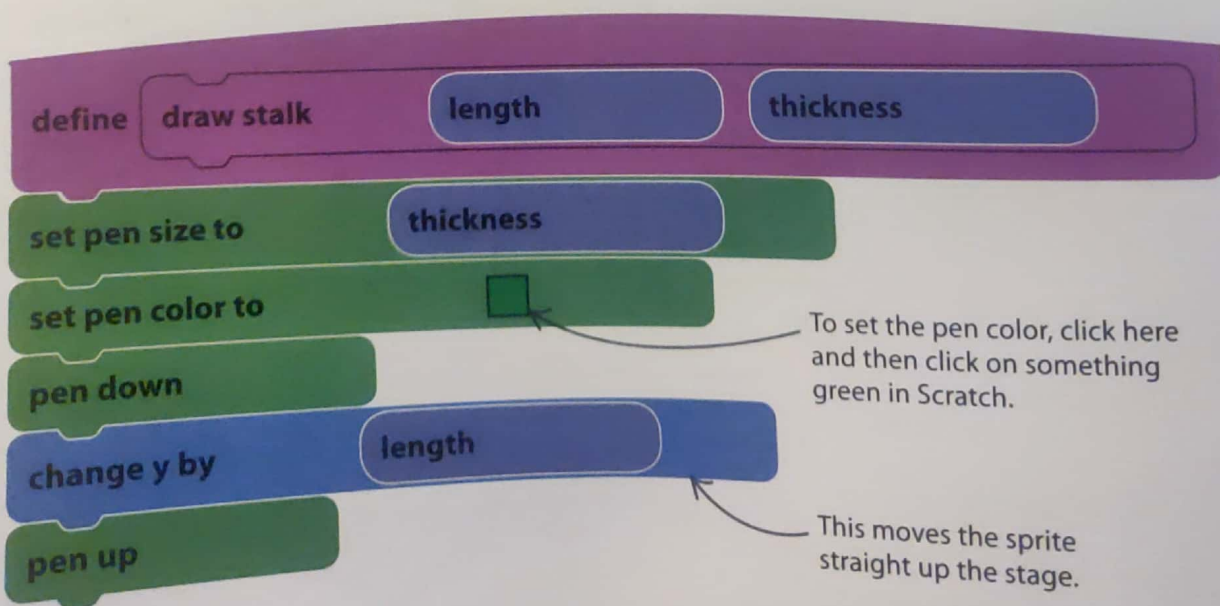
Flower stalks

Real flowers grow on stalks, so follow the next few steps to add stalks to your virtual flowers to make them look more realistic. Using custom blocks makes the code easy to read so you always know what's going on.

- 21** Choose More Blocks in the blocks palette and then click "Make a Block". Call the new block "draw stalk". After you've typed the name of the block, open the Options menu and add number inputs for the length and thickness of the stalk. Then click "OK".



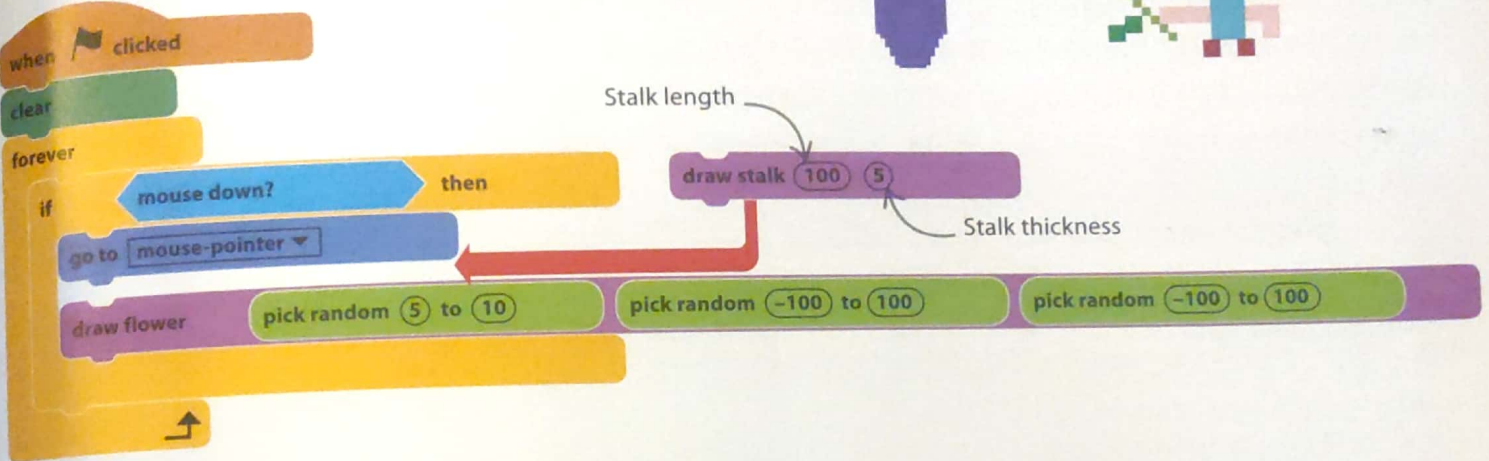
- 22** Build this script below the "define" header block. Drag the "length" and "thickness" blocks from the header to where they're used in the script.



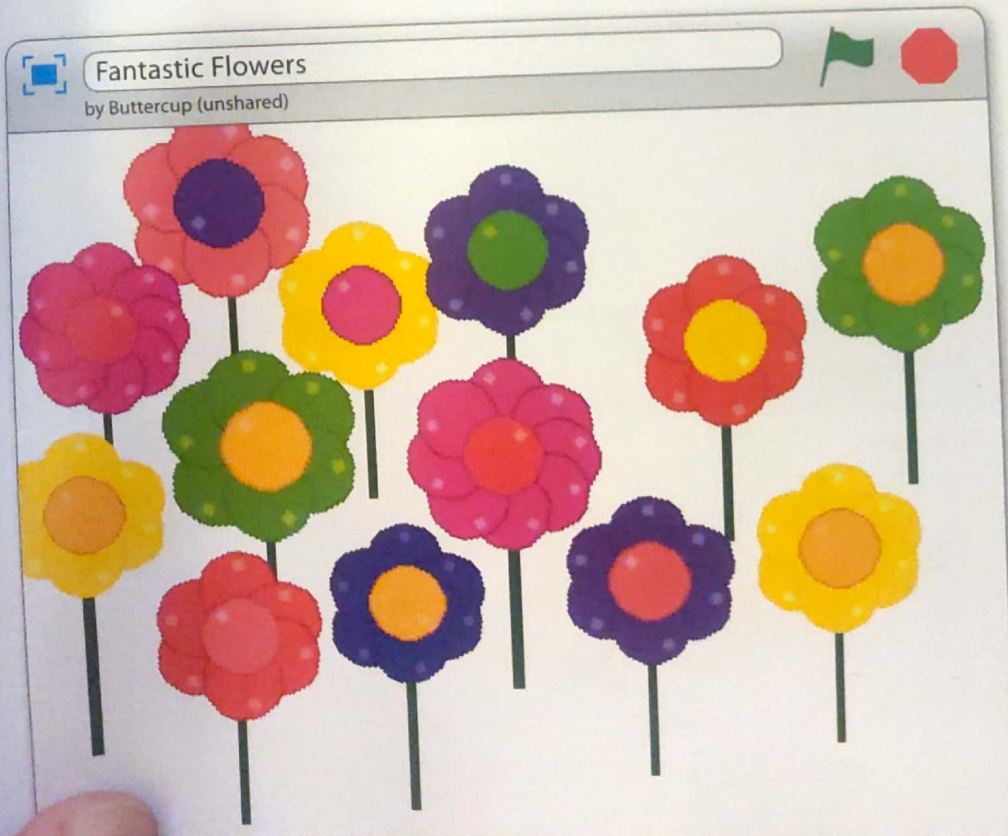
To set the pen color, click here and then click on something green in Scratch.

This moves the sprite straight up the stage.

23 Next, add the new "draw stalk" block to the main script. Fill in the numbers to set the stalk's length to 100 and its thickness to 5.



24 Run the project. You can now make a whole meadow of colored flowers. Experiment with different numbers in the "pick random" blocks to change the look of your flowers.



25 For a finishing touch, add a backdrop for your flower meadow. You can paint your own backdrop by clicking the paint symbol / to the left of the sprites list. Alternatively, click the backdrop symbol to load one from the library.

