

INTRO TO ANIMATION



35-45 minutes.



NEW TO SCRATCH

1

Learn how to create, design, and animate your own characters in Scratch.



SESSION GOALS

1. Hands on Scratch experience within first five minutes of session.
2. Learn basic layout, language, and tools of Scratch.
3. Share project to the Scratch website at:
<http://www.scratch.mit.edu>

If this is your first time using Scratch it can be very helpful to use a two-button mouse!

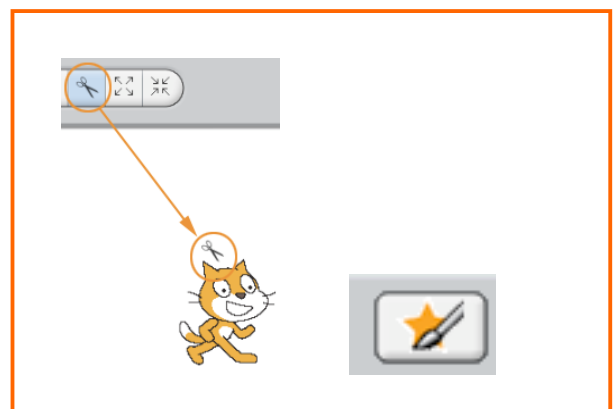
- Right-click on a PC or Mac with a two-button mouse
- if you have a standard Mac mouse, you can hold the *Control* key down when you click on sprites, stage, programming blocks or background.

TROUBLESHOOTING



1

Create your own character by cutting out the cat and clicking on the star/paintbrush. This will open the palette where you can draw your new sprite.



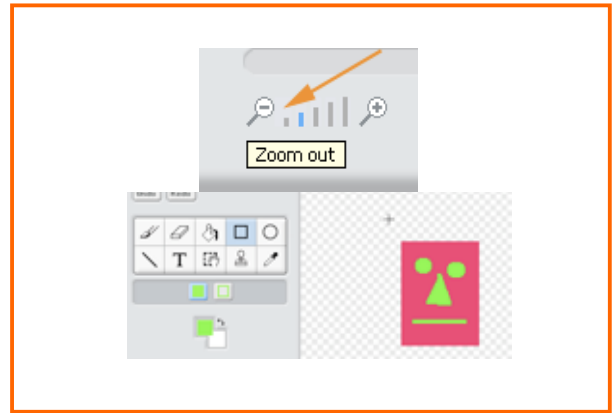
1

2

CREATE A SPRITE

Draw your own sprite. Zoom out before you begin to draw. Don't draw the background yet.

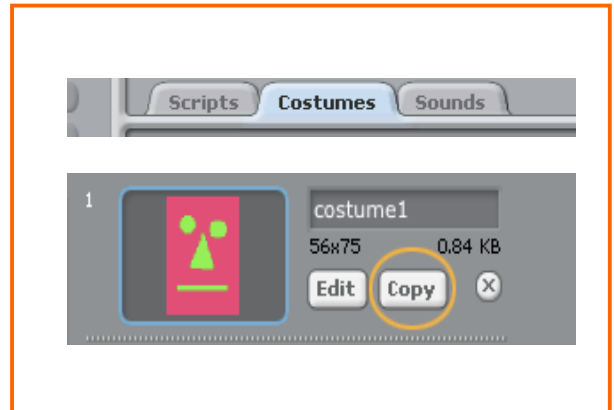
Experiment with brush size and tools. Click the "OK" button when you're satisfied with your simple drawing.



3

MAKE A COSTUME

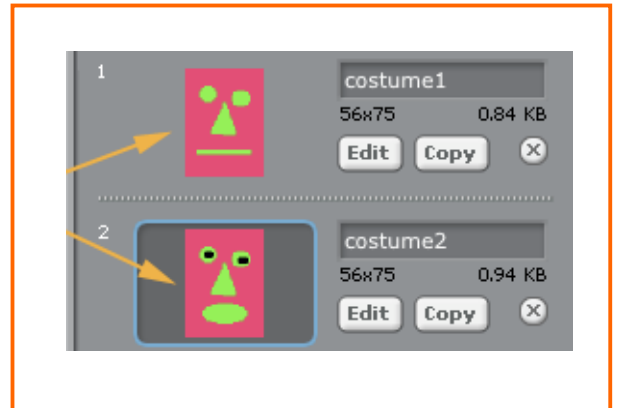
Click the "Costumes" tab for your sprite. This shows the costume you just created... click the "Copy" button and make an exact copy.



4

ANIMATE IT

Click the 'Edit' button next to costume2. Make some small changes to costume2 in the drawing palette. To preview the animation, you can click once on each costume icon, back and forth between the two and your sprite will animate!



5

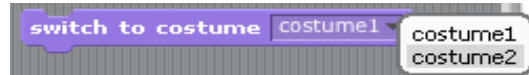
BUILD A SCRIPT!

Click on the "Scripts" tab and start dragging out blocks. Begin each script with

a Control block:



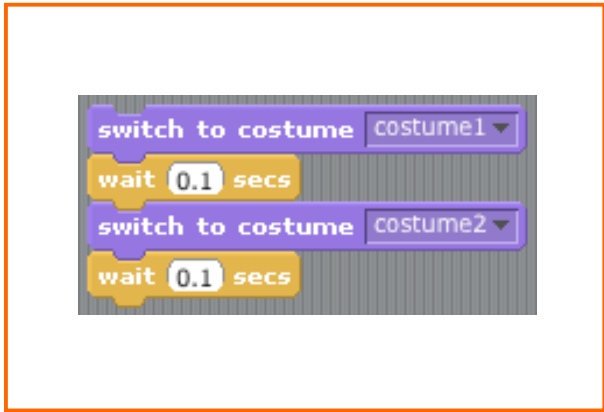
Find the Looks blocks and drag out 2:



If you click on the little black arrow next to the name, you will see a list of the names of all your costumes. Make one block for Costume1 and one for Costume2.

6

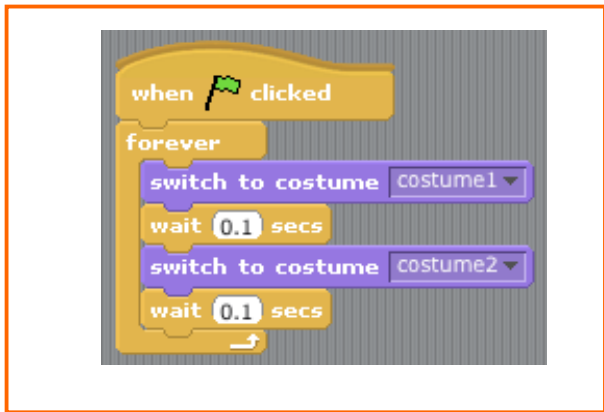
Add some wait blocks and stack your blocks together, waiting for the white glue line to show up. Change the wait time by double clicking on the number and typing .1. Double click on the script to see your sprite animate.



7

ADD A LOOP

Drag out a forever block and grab the top costume block of your animation script. Drag this inside the forever...



8

Click the Green button and your animation should move on its own. It won't stop until you click the "Stop" button.

Congratulations you're animating in Scratch!



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