

# COLLAGE

**objective:** approach collaging in a new way by using Scratch to mass generate collaging components



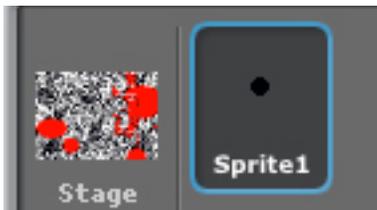
scan of collage

## Behind the Scenes:

### Component 1

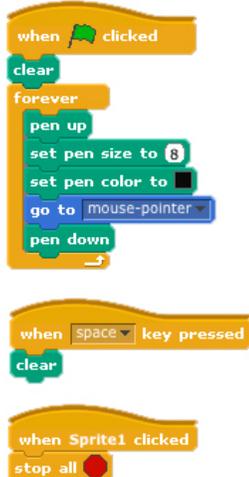
This is the main component of the collage.

Here, we are scripting the image to create a dotted line over your stage based on the movement of your mouse to create a cutting plan for your scissors. This allows for you to experiment with shapes and sizes of your pieces while collaging.

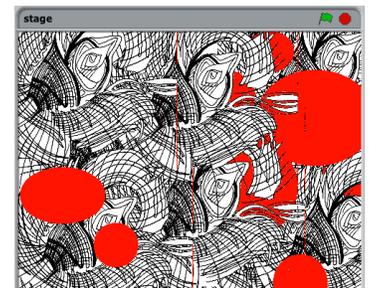


**stage:** import a background or paint one yourself that you would like to cut up and collage with

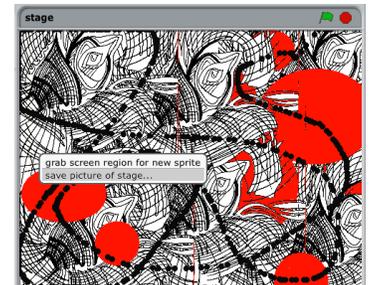
**sprite1:** a simple dot in any color works



**1) original stage:** your stage should look something like this before you run the script.



**2) generate cut plan:** run your script and run your mouse over the image. when you are happy with the pattern, right click and "save picture of stage."



**3) print component 1:** you may wish to convert your image to a jpeg and print it using an image editing program like GIMP. print large and small for variation.



# Behind the Scenes (cont):

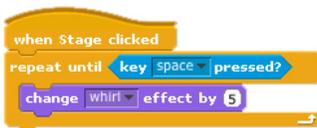
## Component 2 and 3

Components 2-4 are additional components created by quickly altering the existing stage or another image you have.

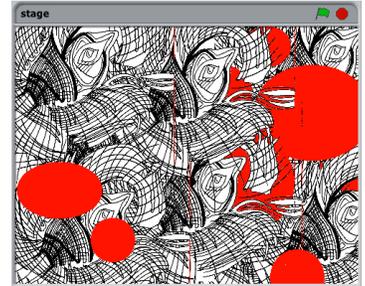
Here, we are scripting a quick and easy way to generate new components based on a color scheme or design pattern that you already have for the collage. This allows for you to experiment with your components in a controlled way.



**stage:** import a background or use the same stage from Component 1

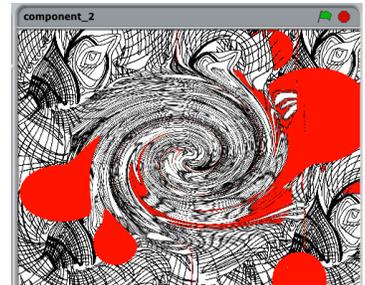


**1) original stage:** your stage should look something like this before you run the script.

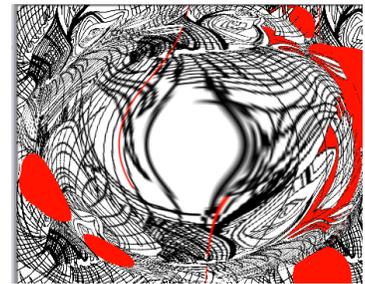


**2) run script:** run your script by clicking on the stage, when you are happy with what it looks like press the space key and save.

**2a) make more:** experiment and create other components by changing the "change <whirl> effect by <5>" block (shown in second script on the left)



**3) print components:** you may wish to convert your image to a jpeg and print it using an image editing program like GIMP. print large and small for variation.



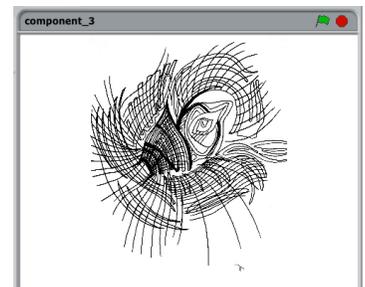
## Component 4



**stage:** import a background or use the same stage from Component 1

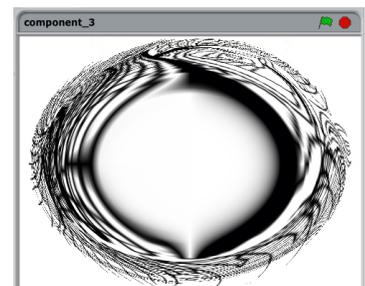


**1) original stage:** your stage should look something like this before you run the script.



**2) run script:** run your script by clicking on the stage, when you are happy with what it looks like press the space key and save.

**3) print component:** you may wish to convert your image to a jpeg and print it using an image editing program like GIMP. print large and small for variation.



## Assemble the Collage

Now that you have your components ready, it's time to make something awesome with them!

**What you'll need:** scissors, sturdy white paper to glue on, and glue (rubber cement or gluestick)

**1) print out all your components:** print out your components in mass, make sure you have the sizes that you want.



**2) cut out your pieces:** for component 1, cut along the black dotted line you drew for yourself in Scratch.



**3) assemble and glue:** assemble the components on a piece of sturdy paper. once you have a formation you like, glue!



**4) DONE:** you've just created a collage with the help of SCRATCH

