

Aesthetic thing:

I want to create a feel that the image from camera is in the galaxy and with some shiny spot. Also, I choose a smoke filter effect video to make some fog effect to the galaxy in order to create some dynamic and unreal effect. I use ellipse to form the capture video in order to create a fantasy space and high tech modern feel (like star war).

Apply:

Pixel:

Create pixel and use video.get to get the color from the capture video and use ellipses to show the pixel. The size of the ellipses are based on the brightness of the color to control. Also, the ellipses are transparent in order to show more video from the background.

-pixel ellipse>



Pixel screen size:

Use int videoscales (8) and separate size into a 80x60 pixels.
Width/8 & height/8

Capture Class:

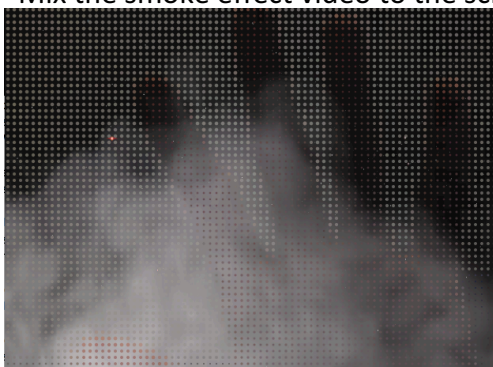
Use Capture class to insert camera video.

Movie Class:

Use Movie class insert 2 videos (a smoke effect & a star effect video). Star effect movie are broadcasted on the background.

Blend:

Mix the smoke effect video to the screen.



Blend image (PI image, create Image):

Use mousePressed function to take an image and then blend to the background and pixel screen. Use PImage class and createImage() method. When mouse press, a transparent image will be created. The mode is "exclusion".

-When images were taken:



Reference:

For learning:

<https://www.youtube.com/watch?v=WH31daSj4nc&list=PLRqwx-V7Uu6bw0bVn4M63p8TMJf3OhGy8>

Week5 example 1 & 5, exercise2

Week6 example2,3,4