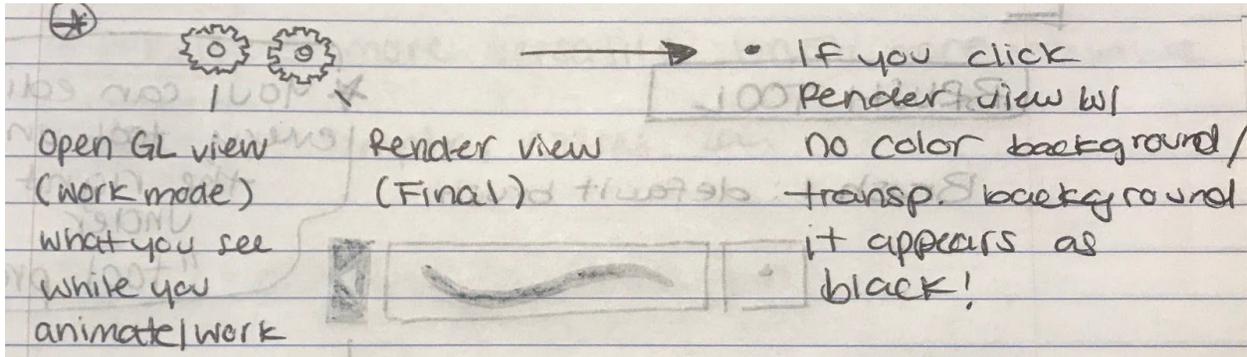


Toonboom Harmony Tech Paper Notes

START PAGE/ SET UP

- Name: Project Name
- Location: Where it saves (saves as folder)
- Frame Rate: 24 f/s
- H & W: 1920 x 1080

ToonBoom - Vector program / buttons



- To add Background
Press "+" (plus) sign, hold down to see options and press "clour-card"

ToonBoom zoom in on what box you've clicked

If you want the box to be highlighted while you hover your mouse over the box set preferences to it
Pref > general > click box of "focus on mouse enter"

Shortcuts to navigating

Spacebar: Pan click and drag to see the "stage"

#2: zoom in

#3: zoom out

Ctrl z: undo

Ctrl c: copy

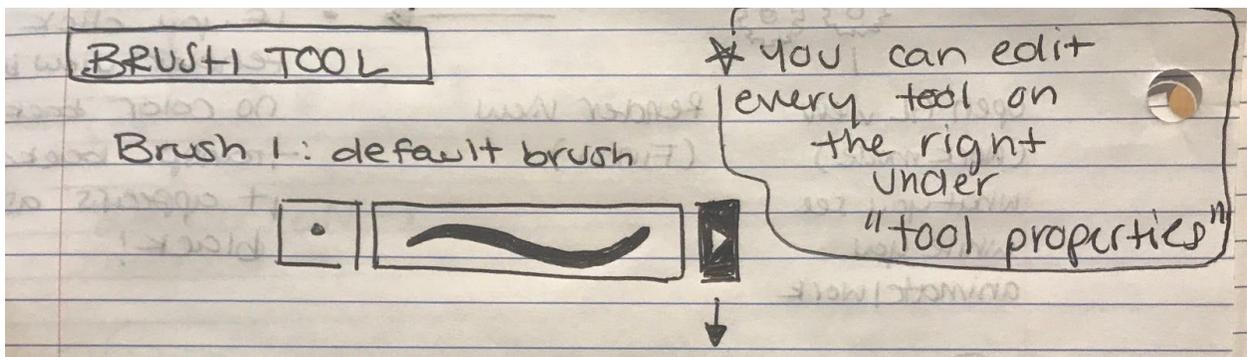
Ctrl v: paste

Ctrl and alt: rotate canvas

Shift and m: reset view

Brush Tool

Brush 1: Default brush



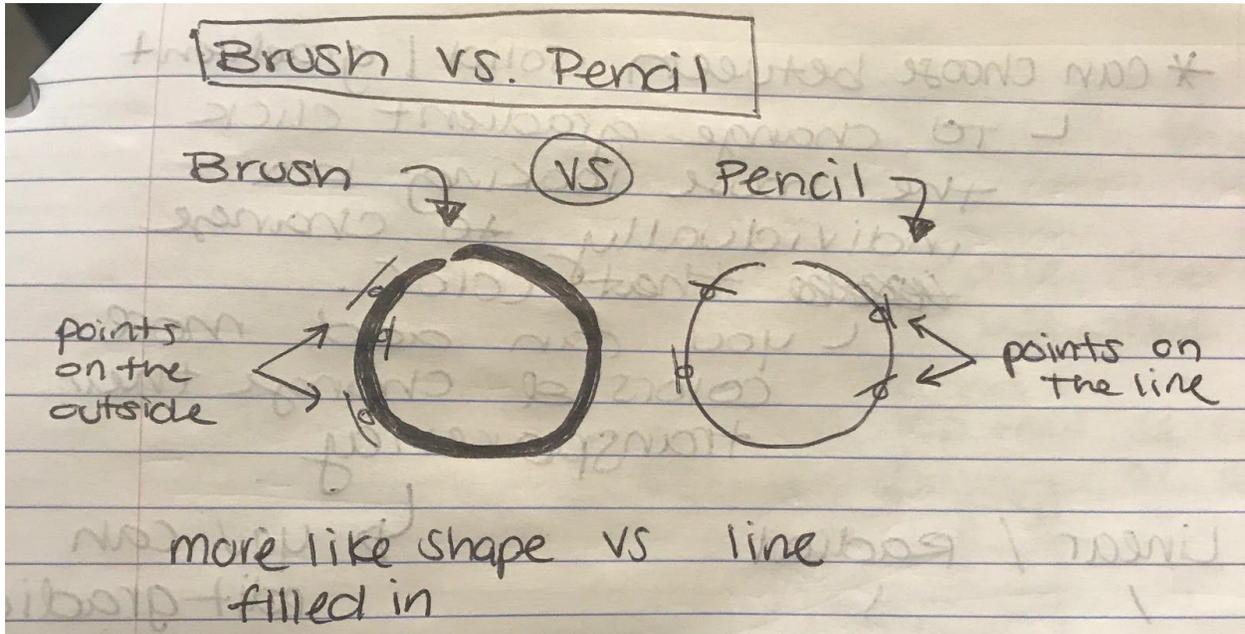
Brush settings-

*Smoothing / texture

If there is an asterisk next to the brush name it means you haven't saved yet

Go to the upper right corner and click "update brush preset"
Stays like that for next time too

Brush vs Pencil



To move your points click the **white arrow**

Pencil is more versatile, brush more intuitive

Eraser - simple, erases

Text - adds text to animation

Black arrow - move or delete

Rotate; drag from corner

Scale; drag diagonal/vertical

Scale w/o change; hold shift and drag

COLOR

Click the plus button where the colors are and double click the color square to open the color picker

If you want it to be transparent shift the alpha bar

*Can choose between solid / gradient

To change gradient click the house looking box individually to change that color

You can add more colors and change the transparency

You can edit gradients with the white mouse

Linear - Line / Radial - circular

*Instead of repainting something you can change the color box of the color you used and it'll change to that color

The plus t adds texture / texture maps

You can paint with it or fill in with it

To change black arrow selection from square to lasso to tool options there is a cutter tool within the black arrow

When drawing in toonboom each stroke is its own selection

To flatten to have them all be the same use the flatten tool

Shading with the fill bucket

Paint bucket > stroke

Draw an invisible line to section off what you want in a different color

Press hotkey "k" to show the strokes (on/off)

Go back to pain and fill in and press "k" again to make the stroke lines disappear.

Animating in ToonBoom

To add a layer add a drawing layer (next to plus and minus in lower horizontal frame bar)

Vector: Illustrator / flash

Bitmap: Photoshop (blurry when zoomed in)

Hotkey "." + "," (period and comma key) to move between frames

Click onion skin to see the layer before

Alt + shift + d : duplicate new drawing

In toonboom you can't copy and paste you need to duplicate the drawing

F5: Extend Exposure

- To select all frames click first frame hold shift and select the last one
 - To loop right click and choose "create cycle"

Peg- makes your animation moves across the screen in a non destructive way

HELPFUL VIDEO AS WELL:

TOONBOOM HARMONY TUTORIAL FOR BEGINNERS: HOW TO MAKE A CARTOON! BY: JESSIE J. JONES

**Specifically Rigging in toonboom (19:18 - forward)*