CORNELL NOTES – COLONY HIGH SCHOOL

	Topic/Objective: ***Adobe Photoshop (Lesson 4)***	*Name:*
		Class/Period:
		Date:
Essential Question: ***What are some tools that can be used in correcting pixels as well as retouching photographs?***		

Overview Correction Tools

		Tool	Description	Advised To Use When?	New Layer?	Duplicate Layer?
Computer Assisted Correction Tools		**Patch**	Select area to correct (like **Lasso** Tool); then drag marquee to another part of image to pick up corrected area	**With large areas to correct**		Y
		Healing Brush	Use **ALT** key to pick up pixels from one area in order to correct pixels to another area	**Medium details to correct (precise detail not as important to pick up)**	Y	
		Spot Healing Brush	Uses pixels around brush to repair (based on **texture, lighting, transparency, and shading)**	**Quick corrections where surrounding pixels are similar**	Y	
		Clone Stamp	Like Healing Brush, use **ALT** key to pick up pixels from one area in order to correct pixels to another area	**Precise detail is important to pick up**	Y	
		Red Eye	Removes red eye from portraits caused by the subjects eye reflected from the camera's flash			Y
		Content Aware	Selects & Moves/Extends Pixels	**Unlike the Patch tool, this Tool allows you to create a new layer (and sample layers under)**	Y	
Manual Correction Tools		**Burn**	**Darkens** pixels in an image		Y **(50% Gray Fill; Overlay Blend Mode)**	
		Dodge	**Lightens** pixels in an image		Y **(50% Gray Fill; Soft Light Blend Mode)**	

CORNELL NOTES – COLONY HIGH SCHOOL

Questions:	*Notes/Answers/Definitions/Examples/Sentences:*

Other Things You Should Know About Corrections

1. Most Correction Tools involve using the **Brush** Tool
    a. Make sure to set:
        i. **Diameter** (size of brush is slightly bigger than the effected
        ii. **Edge** (hard = **softer** %, soft = by **harder** %)
2. Rule of Thumb → Always **overdo** your corrections
    a. Can always **tone down** or "melt in" changes with **Opacity** changes
3. Remember correcting pixels are still considered destructive changes!
    a. Create **new** layer or **duplicate** layers to preserve background layer
    b. Checkmark "Sample All Layers" or "All Layers" for sampling

Everyone Loves a Good Shortcut…

[ ] keys with Brush Tool On	**Increase/Decrease Size of Brush Diameter**
SHIFT + [ ] keys with Brush Tool On	**Increase/Decrease Hardness/Softness of Brush**
CTRL + ALT + SHIFT + E (with multiple layers selected in Layers Panel)	**Pulls all layers into one**

Correcting Self Portraits (Advised Tools to Use)

1. Cleaning Up Eyebrows **(Stamp)**; Removing Wrinkles (**Healing Brush)**
2. Skin Blemishes (**Spot Healing)**
3. Whitening Teeth (Mask → Inverse → Hue/Saturation Adjustment Layer [0, -100, +40])
4. Straighten Teeth **(Stamp)**
5. Whiter/Brighter Eyes (**Dodge**; see above settings)
6. Eye Liner around eyes (**Burn**; see above settings)
7. Other "Eye Sores" to look at (i.e. hair not totally covering ear) (probably **Stamp**)
8. Adding Depth of Field by blurring surrounding areas to portrait (Gaussian Blur)

Cropping Was Never This Fun!

1. Use **Straighten** feature in Crop tool to straighten the image by drawing a line on it (for example, at its horizon)
2. Extending the canvas? Checkmark **Content Aware** to fill the outside pixels
3. **Perspective Crop** Tool (crops while changing the angle of image)