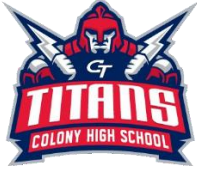










CORNELL NOTES – COLONY HIGH SCHOOL

	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:						
	<p><u>Other Things You Should Know About Corrections</u></p> <ol style="list-style-type: none"> 1. Most Correction Tools involve using the Brush Tool <ol style="list-style-type: none"> a. Make sure to set: <ol style="list-style-type: none"> 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 <ol style="list-style-type: none"> a. Can always tone down or “melt in” changes with Opacity changes 3. Remember correcting pixels are still considered destructive changes! <ol style="list-style-type: none"> a. Create new layer or duplicate layers to preserve background layer b. Checkmark “Sample All Layers” or “All Layers” for sampling <p><u>Everyone Loves a Good Shortcut...</u></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 5px;">[] keys with Brush Tool On</td> <td style="padding: 5px;">Increase/Decrease Size of Brush Diameter</td> </tr> <tr> <td style="padding: 5px;">SHIFT + [] keys with Brush Tool On</td> <td style="padding: 5px;">Increase/Decrease Hardness/Softness of Brush</td> </tr> <tr> <td style="padding: 5px;">CTRL + ALT + SHIFT + E (with multiple layers selected in Layers Panel)</td> <td style="padding: 5px;">Pulls all layers into one</td> </tr> </table> <p><u>Correcting Self Portraits (Advised Tools to Use)</u></p> <ol style="list-style-type: none"> 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) <p><u>Cropping Was Never This Fun!</u></p> <ol style="list-style-type: none"> 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) 	[] 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
[] keys with Brush Tool On	Increase/Decrease Size of Brush Diameter						
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