LEARNING ACTIVITY SHEET
SPECIAL PROGRAM IN ICT 7&8
DIGITAL MEDIA 7&8
Second Quarter, Week 2

Name of Learner:

_____Date:_____   Grade

Level /Section: _____

Changing Reality

BACKGROUND INFORMATION FOR LEARNERS

This chapter shows you the tricks that you should use every technique on your photo. Bear your mind that great editing skills comes great responsibility. The challenge is to retouch your subjects enough to enhance their appearance without making them look fake.

The editing tools are found below the selecting tools on the tools panel. They all have different functions related to editing an image. These tools are the following:

- Spot Healing Brush Tool
- Clone Stamp
- History Brush Tool
- Eraser Tool
- Gradient Tool
- Blur Tool
- Dodge Tool

☐ Spot Healing Brush Tool Corrects blemishes in the image like dust specs and blends the final image

 Brush Tool: Paints on the image, allows you to select size of brush area as well as color

 Clone Stamp Tool: Copy pixels from one part of the image and recreate elsewhere

 History Brush Tool: Kind of "unpaints" the edits you made; this brush will revert the selected parts of the image you drew on back to the original form

 Eraser Tool: Erases pixels from the image, exposing the layer below the image you are working on, or the blank sheet if no layer is there

 Gradient Tool: Creates a blending of foreground and background colors in the image

 Blur Tool: Makes parts of the image blurry; useful when creating a selective focus

 Dodge Tool: A useful tool for brightening dark areas of an image; the Burn Tool (nested within the Dodge Tool) darkens bright areas of an image

As with the Selection Tools, there are other tools with similar functions nested within each of the default Editing Tools on display. Remember, click and hold over any of the tools to see the variant options.

 Spot Healing Brush: Healing Brush, Patch, Red Eye

 Brush: Pencil, Color Replacement

 Clone Stamp: Pattern Stamp

 History Brush: Art History Brush

 Eraser: Background Eraser, Magic Eraser

 Gradient: Paint Buckets

 Blur: Sharpen, Smudge

 Dodge: Burn, Sponge

Retouch with the Healing Brush Tool

The Healing Brush tool lets you *correct imperfections, causing them to disappear into the surrounding image.* Like the cloning tools, you use the Healing Brush tool to paint with *sampled*

pixels from an image or pattern. However, the *Healing Brush tool also matches the texture, lighting, transparency, and shading of the sampled pixels to the pixels being healed.* As a result, the repaired pixels blend seamlessly into the rest of the image.

1. Select the Healing Brush tool.

2. Click the brush sample in the options bar and set brush options in the pop-up panel:
Mode
Specifies the blending mode. Choose Replace to preserve noise, film grain, and texture at the edges of the brush stroke when using a soft-edge brush.
Source
Specifies the source to use for repairing pixels. Sampled to use pixels from the current image, or Pattern to use pixels from a pattern. If you chose Pattern, select a pattern from the Pattern pop-up panel.
Aligned
Samples pixels continuously, without losing the current sampling point, even if you release the mouse button. Deselect Aligned to continue to use the sampled pixels from the initial sampling point each time you stop and resume painting.
Sample
Samples data from the layers you specify. To sample from the active layer and visible layers below it, choose Current And Below. To sample only from the active layer, choose Current Layer. To sample from all visible layers, choose All Layers. To sample from all visible layers

except adjustment layers, choose All Layers and click the Ignore Adjustment Layers icon to the right of the Sample pop-up menu.

Diffusion

Controls how quickly the pasted region adapts to the surrounding image. Select a lower value for images with grain or fine details, or a higher value for smooth images.

3. Set the sampling point by positioning the pointer over an area of the image and Alt-clicking.

4. (Optional) In the Clone Source panel, click a clone source button and set an additional sampling point.

5. Drag in the image. The sampled pixels are melded with the existing pixels each time you release the mouse button.

Retouch with the Clone Stamp Tool

The Clone Stamp tool *paints* one part of an image over another part of the same image or over another part of any open document that has the same color mode. You can also paint part of one layer over another layer. The Clone Stamp tool is useful for *duplicating objects* or removing a defect in an image.

Before After

1. Select the Clone Stamp tool.

2. Choose a brush tip and set brush options for the blending mode, opacity, and flow in the options bar.

To specify how you want to align the sampled pixels and how to sample data from the layers in your document, set any of the following in the options bar:

3. Aligned

Samples pixels continuously, without losing the current sampling point, even if you release the mouse button. Deselect Aligned to continue to use the sampled pixels from the initial sampling point each time you stop and resume painting.

Sample

Samples data from the layers you specify. To sample from the active layer and visible layers below it, choose Current And Below. To sample only from the active layer, choose Current Layer. To sample from all visible layers, choose All Layers. To sample from all visible layers except adjustment layers, choose All Layers and click the Ignore Adjustment Layers icon to the right of the Sample pop-up menu.

5. (Optional) In the Clone Source panel, click a clone source button and set an additional sampling point.

4. You can set up to five different sampling sources. The Clone Source panel saves the sampled sources until you close the document.

5. (Optional) To select the sampled source you want, click a clone source button in the Clone Source panel.

6. Drag over the area of the image you want to correct.

Patch an Area

The Patch tool lets you *repair a selected area with pixels from another area or a pattern*.

Like the Healing Brush tool, the Patch tool matches the texture, lighting, and shading of the sampled pixels to the source pixels. You can also use the Patch tool to clone isolated areas of an image.

Using the Patch tool to replace pixels   Patched image

Repair an Area using sampled pixels

1. Select the Patch tool .

2. Drag in the image to select the area you want to repair, and select Source in the options bar.

3. To adjust the selection, Shift-drag in the image to add to the existing selection. , Alt-drag in the image to subtract to the existing selection.

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4. To extract texture with a transparent background from the sampled area, select Transparent. Deselect this option if you want to fully replace the target area with the sampled area.
5. Position the pointer inside the selection, and do one of the following:
   ⬜ If Source is selected in the options bar, drag the selection border to the area from which you want to sample. When you release the mouse button, the originally selected area is patched with the sampled pixels.
   ⬜ If Destination is selected in the options bar, drag the selection border to the area you want to patch. When you release the mouse button, the newly selected area is patched with the sampled pixels.

Remove Red Eye

The Red Eye tool *removes red eye* in flash photos of people or animals.

1. In RGB Color mode, select the Red Eye tool . (The Red Eye tool is in the same group as the Spot Healing Brush tool . Hold down a tool to display additional tools in the group.)

2. Click in the red eye. If you are not satisfied with the result, undo the correction, set one or more of the following options in the options bar, and click the red eye again:

• Pupil Size. Increases or decreases the area affected by the Red Eye tool.

• Darken Amount Sets the darkness of the correction.

LEARNING COMPETENCY

Enhance image quality by repairing flaws and imperfection.

ACTIVITIES

ACTIVITY 1

Directions. Read each statement below. Write on the blank provided before the number the word or words being described.

_____1. This tool corrects blemishes in the image like dust specs and blends the final image.

_____2. What option should you select to enable sample pixels continuously without losing the current sampling point?

_____3. Which tool paints one part of an image over another part of the same image or over another part of any open document that has the same color mode?

_____4. This options specify the blending mode.

_____5. The tool that erases pixels from the image.

_____6. To adjust the selection, _____ in the image to add to the existing selection. _____7. What tool have similar functions like clone stamp tool?

_____8. This tools makes part of the image blurry.

_____9. Select this tool if you want to repair a selected area with pixels from another area or a pattern.

_____10. What tools have similar functions like pencil and brush?

ACTIVITY 2

Directions: Get your mobile phone and take a video doing the following activities. Explain briefly how to do the following in Photoshop:
1. Retouch with Clone Stamp Tool
2. Patch An Area
3. Removing Red Eye

RUBRIC SCORING FOR ACTIVITY 2

The maximum number of scores per item is 3 points

3 points - Able to explain the details clearly of the steps in the video.

2 points – Can show the steps and little explanation in the video

1 point – Can only show the steps in the video

REFLECTION

1. Which tool is used to retouching and repairing the images?

_____

_____

_____

_____

_____

_____

_____

2. Cite an example how to fix imperfections on your image.

_____

_____

_____

REFERENCES :

 https://helpx.adobe.com/photoshop/using/retouching-repairing-images.html

• Photoshop CS6 "The missing manual" by Lesa Snider (www.it-ebooks.info) _____

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