

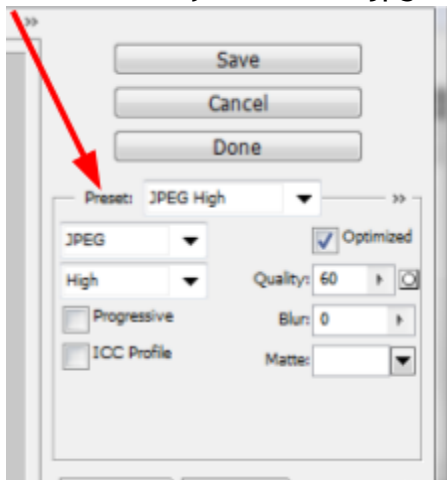
# Photo Editing Lesson #3 - Selection Tools, Layers, and Transformations

Three different programs that work very similarly



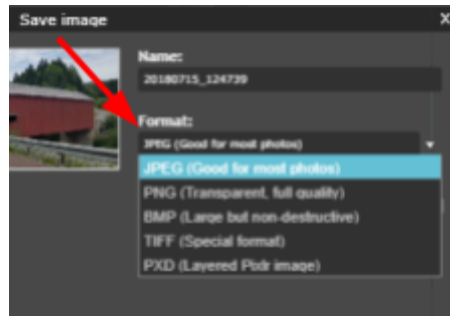
## Remember!

- Save images as .psd files to maintain layers for editing later
- Use “Save for Web & Devices” when done editing. Make sure you choose .jpg



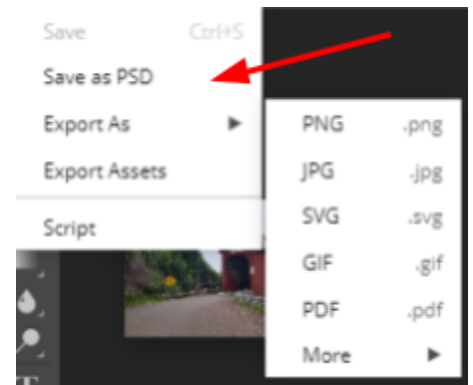
- This “flattens” the image, creating a single image that can be used in other programs

- Save images as PXD files to maintain layers for editing later
- Use JPEG when done editing.



- This “flattens” the image, creating a single image that can be used in other programs

- Save images as PSD files to maintain layers for editing later
- Select “Export AS” and choose “JPG” from the dropdown menu when done editing.



- This “flattens” the image, creating a single image that can be used in other programs

**Copy/Save the image of the dog to use in a new photo editing project**

*(This is Mrs. Davidson's dog Daisy taking a ride on the subway)*

**Copy/Save the image of the covered bridge and put it into your photo editing program as a NEW IMAGE (not as a new layer on the dog image)**

*(This is a picture taken by Mrs. Davidson while vacationing at the Bay of Fundy)*

**We are going to combine these two images in three different ways.**



## Step 1: Rectangle Selection Tool

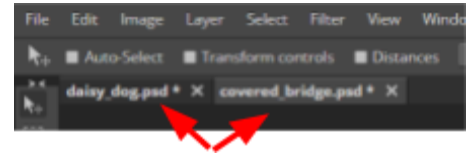
Make sure you are on the dog picture. If both images are not showing click on the icon (shown below) in the upper right corner of the photoshop window.



Make sure you are on the dog picture. Switch by clicking on the “window” of the correct image.



Make sure you are on the dog picture. Switch by clicking on the tabs above the image.



1. Use the “Rectangle Select”/”Marquee” tool to draw a rectangle around the dog
2. Choose Edit - Copy or (Ctrl + C)(to copy the selected area)
3. Now go to the covered bridge image and choose “Edit - Paste” (Ctrl + V)
4. The dog will be added as a new layer - use “Edit - Free Transform” to resize the image.
5. Press “enter” when finished and use the move tool to place the dog where you want

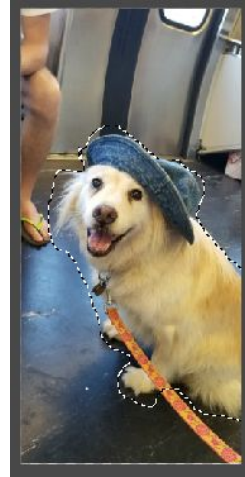


This is one way of selecting a part of one image to add to another.

## Step 2: Lasso Selection Tool

We would like to make this a little neater looking than the rectangle selection. So let’s try the lasso (or free-hand tool).

1. Go back and copy the original dog and covered bridge pictures from the lesson. *Note: if you have saved them and just open them into the photo editing program you will be missing the base background layer that is white - which will get in the way of using the magic wand and quick select tools.*



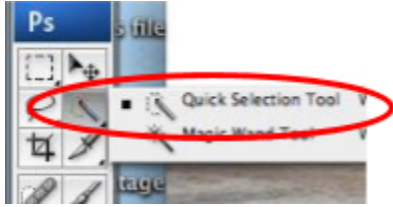
2. Use the Lasso tool and draw around the dog
3. Copy this selection and paste into the covered bridge picture
4. Use the Edit - Free Transform to fix the size (*hint: holding down the shift key while dragging the corner of the picture will keep it proportional*) apply changes and move the dog

Your picture should look a little better than when you used the rectangle selection but it may still be a bit messy around the edges



Step 2: Quick Select Tool	Step 2: Wand Tool	Step 2: Quick Select Tool
<p>This time we will work on cutting out the dog in a much neater way using the quick select tool.</p> <ol style="list-style-type: none"> <li>1. Open both original images again.</li> </ol> <p><b>Continue following the written directions below or watch <a href="#">this video</a>. (This video was made using Photopea but Photoshop is similar enough you should be able to follow along.)</b></p> <ol style="list-style-type: none"> <li>2. Go to the dog image</li> </ol>	<p>This time we will work on cutting out the dog in a much neater way using the wand tool.</p> <ol style="list-style-type: none"> <li>1. Open both original images again.</li> </ol> <p><b>Continue following the written directions below or watch <a href="#">this video</a>.</b></p> <ol style="list-style-type: none"> <li>2. Go to the dog image</li> <li>3. Choose the Wand Tool</li> </ol>	<p>This time we will work on cutting out the dog in a much neater way using the quick select tool.</p> <ol style="list-style-type: none"> <li>1. Open both original images again.</li> </ol> <p><b>Continue following the written directions below or watch <a href="#">this video</a>.</b></p> <ol style="list-style-type: none"> <li>2. Go to the dog image</li> <li>3. Choose the Quick Select Tool</li> </ol>

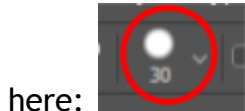
### 3. Choose the Quick Select Tool



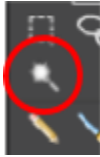
- This tool works like a brush and will select pixels that are close to the same color - it is a little tricky to use at first so don't give up!

4. Click a bit outside of the dog's body - NOT ON IT - and drag the mouse
5. Let up on the mouse button - you will see a selected area (looks like "marching ants")
  - Every time you let up on the mouse a History Step will be created. If you turn on your history window (Select the Window tab and History from the dropdown menu) you will be able to go back as many steps as needed if you find something has gone wrong (so you don't have to start over completely)
6. Hit "Delete" and that portion of the image will go away
7. You can use Ctrl + D (or Select - Deselect) to remove the selection borders - you should do this every so often as it will create a saved history step

You can change the brush size



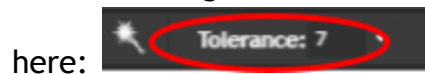
here:



- This selects pixels of similar color - it is a little tricky to use at first so don't give up!

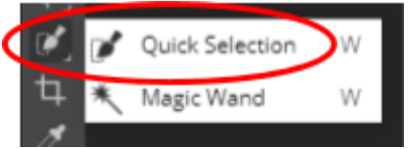
4. Click a bit outside of the dog's body - NOT ON IT - you will see a selected area (looks like "marching ants")
  - Hold down "shift" and click around more. You will see that your selected area changes as you select more pixels.
  - Each time you click a History Step will be created. If you turn on your history window (Select the View tab and History from the dropdown menu) you will be able to go back as many steps as needed if you find something has gone wrong (so you don't have to start over completely)
5. Hit "Delete" and that portion of the image will go away
6. You can use Ctrl + D (or Select - Deselect) to remove the selection borders - you should do this every so often as it will create a saved history step

You can change the tolerance



here:

*The higher the tolerance more variance in color will be*



- This tool works like a brush and will select pixels that are close to the same color - it is a little tricky to use at first so don't give up!

4. Click a bit outside of the dog's body - NOT ON IT - and drag the mouse
5. Let up on the mouse button - you will see a selected area (looks like "marching ants")
  - Every time you let up on the mouse a History Step will be created. If you turn on your history window (Select the Window tab and History from the dropdown menu) you will be able to go back as many steps as needed if you find something has gone wrong (so you don't have to start over completely)
6. Hit "Delete" and that portion of the image will go away
7. You can use Ctrl + D (or Select - Deselect) to remove the selection borders - you should do this every so often as it will create a saved history step

You can change the brush size here:

*If your brush is too big it will take out large selections and make your image look choppy.*

Look at the top left of your photoshop window - you will see + and - options  
+ will add to the selection  
- will allow you to "push" pixels back



*selected. Too low you will not select enough, too high you will select too many nearby pixels.*



If you've selected areas you don't want click on "Subtract" (or hold down "Alt") and select the area you didn't want selected.

**Note:** *It is also possible to use the eraser to take out large sections that you don't want and just use the quick select to fine tune the dog. It also helps to zoom in when working in detail - either with the eraser, magic wand, or quick select tools.*



### Assignment for Photo Editing Lesson #3

- Within your Photo Editing folder create a folder for Lesson\_3
- Complete steps above and save the images (rectangle selection, lasso selection, and quick select)
- Repeat the third process, using the quick select or wand tool and combine two other images of your choice
  - Save the two original images in the folder
  - Save the new combined image you created from the two
- You will have six images in your lesson\_3 folder when done - three covered bridge with dog, two originals, and one combined image from the two originals
- Upload Lesson\_3 folder to your Google Drive if you saved it on the desktop.