



Creating a Hockney (Joiner) Image - Single Image Grid Style

Student Objectives / Photoshop Skills :

- A. Creating Patterns & Grids
- B. Changing Blend Modes
- C. Creating Actions
- D. Adding & Copying Effects
- E. Workflow

Keys to Success :

- A. Personal connection - have one to the space you are photographing
- B. Texture - changes in / contrasting textures in your photos
- C. Perspective change

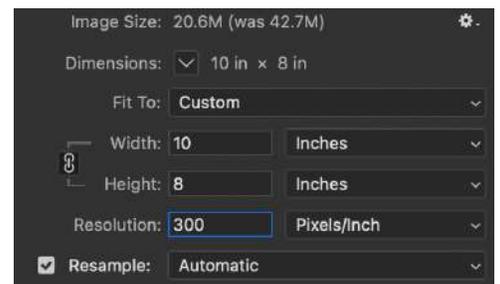
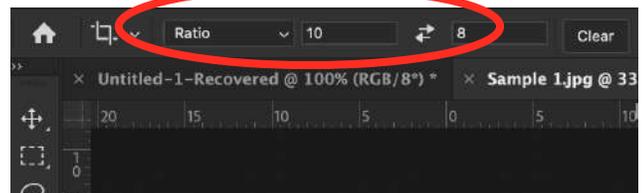


Step 1 : Selecting the Right Photo

Selecting the right photo for this project is important - one that isn't too busy, especially on the background. Images that work well are waist level ("cowboy") portraits emphasizing facial features. Or, you can choose a close-ups of single object that utilizes negative space in the background - see examples in the folder. But remember - this class is intended for you to experiment, to explore creative avenues. When in doubt, ask questions and collaborate with your instructor!

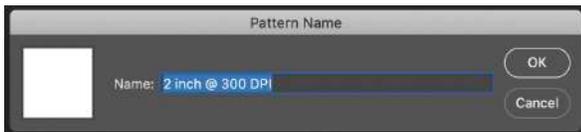
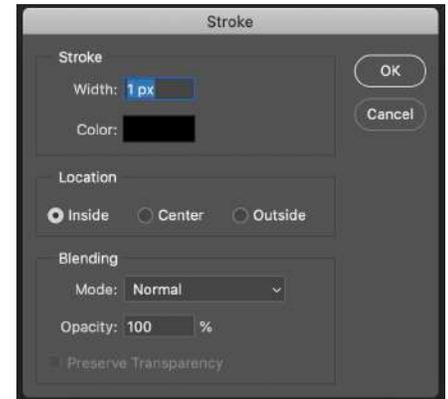
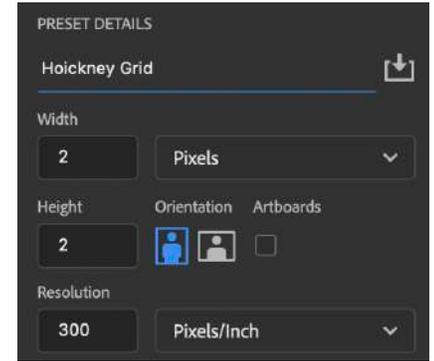
Step 2 : Opening Your Image and Resizing It

1. **Open your image in Photoshop** : Select your photo and open it using Photoshop
2. **Crop your photo** : Using the Crop tool, click on your image. Using the Ratio option - make your image 10" x 8". Use the double arrows to switch the orientation as needed.
3. **Resize your image** : Image - Image Size - 10" x 8" with the resolution at 300.



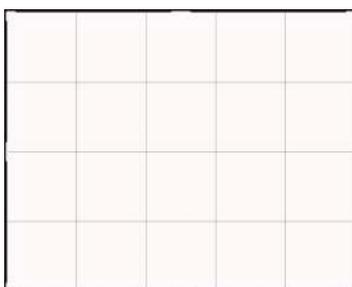
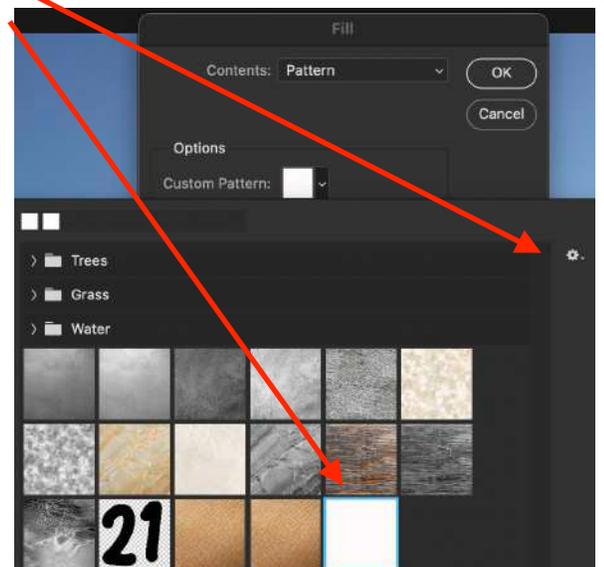
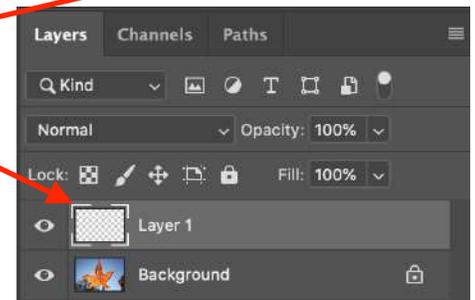
Step 3 : Create your own Grid in Photoshop - New Image

1. **Create a New Document** : *Command + N*
 2. **Size of New Document** : Make the size 2" x 2" Resolution at 300.
- NOTE** : To ensure uniformity of your grid with a 1:1 ratio, make sure the size of your original image is divisible by 2" and BOTH your original image and your new 2" x 2" image are set to a Resolution of 300 .
3. **Select All** : *Command + A*
 4. **Add a Stroke** : Edit - Stroke - Width = 1 px Color = black Location = Inside (See example)
 5. **Deselect** : *Command + D*
 6. **Convert document into a Pattern** : Edit - Define Pattern
 7. **Name your Pattern** : 2 inch @ 300 DPI (see example directly below)
 8. **Close this image** : click the "X" on the document title, there is no need to save the document



Step 4 : Placing Your Grid on Your Image

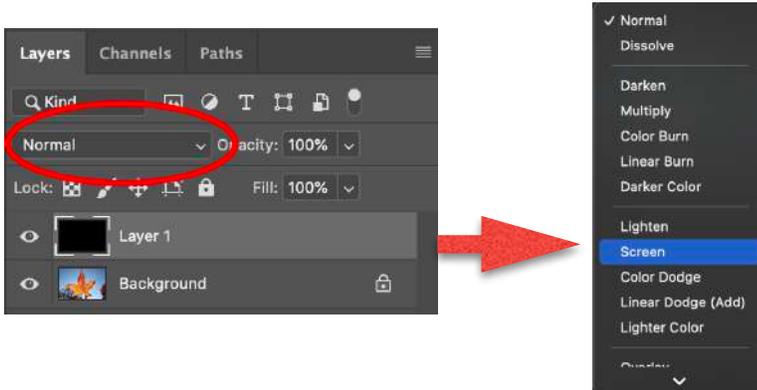
1. **Click on Background Layer** : Ensure the Background Layer is active
2. **Add a New Layer** : Click New Layer Icon (see RED circle)
3. **Fill Layer with Pattern** : Click on Layer 1 and ensure it is active
Edit - Fill - Pattern
 - **In Fill Window** : Use drop-down arrows to complete the following : Contents : Pattern and Options - select the last pattern, it is the one you just created titled "2 inch @ 300 DPI" or click the cog wheel and select "Text Only" to see the pattern title
 - Once selected, you should notice a blue box around the pattern Then click "OK"
4. **Layer 1** : Notice that Layer is now a grid of 5 across, 4 down (see example below)



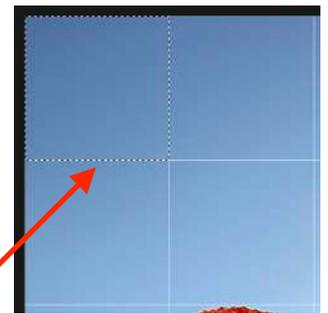
Example of 2" X 2" @ 300 DPI Grid Pattern

Step 4 Continued : Placing Your Grid on Your Image

5. **Invert the Layer** : With Layer 1 active *Command + I*
6. **Change Blending Mode** : Click on Normal - scroll to Screen

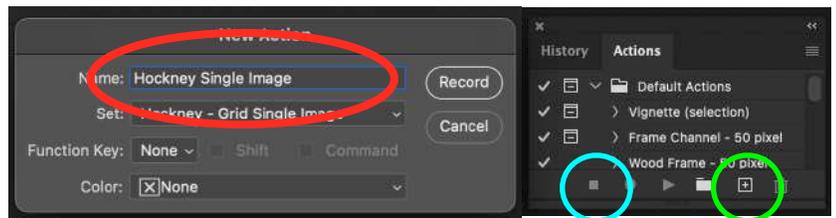
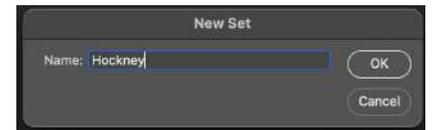


Inverted Grid



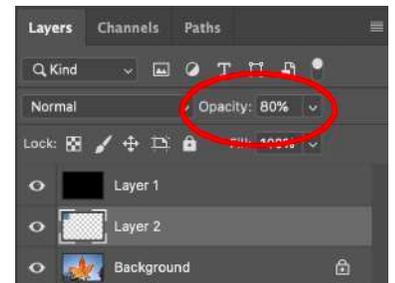
Step 5 : Making Your Grid Individual Layers - Making Actions

1. **Select the Magic Wand Tool** : 4th tool down on tool bar - click & hold arrow to select Magic Wand Tool
2. **Turn Grid Boxes into Layers** : Click in the top left square of your grid - notice the “ants marching” indicating a selection has been made and only that square has been selected
3. **Delete the Default Folder** : Select the “Default” folder and click the trash can
4. **Create a New Set (File Folder)** : Click on the File Folder icon at the bottom of the Actions pallet - Title it Hockney
5. **Create New Action** : Window - Actions - Create New Action (see GREEN circle to the right)
6. **Rename Action** : title it Hockney Single Image



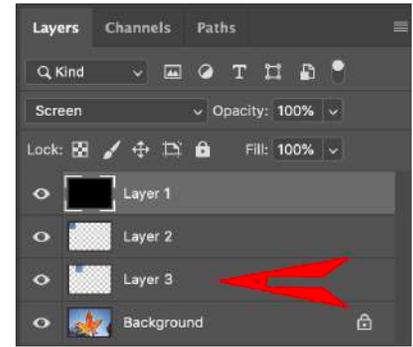
NOTE : Actions are a continued, methodical process - **each click or tap of the keys is recorded.** You must be precise and follow the directions carefully.

7. **Making Your Action** : Make sure only the top left box is selected.
 - A. Click Background Layer
 - B. *Command + J* (makes selection a new layer)
 - C. *Keyboard shortcut* - press the number 8 (Notice this changes the Opacity to 80%)
 - D. Click on Layer 1 to make it active
 - E. Click the square (Stop button) on the Action Window (see BLUE circle above).
Your Action has been created.



Step 6 : Using Your New Action on all the Remainder of Your Grid

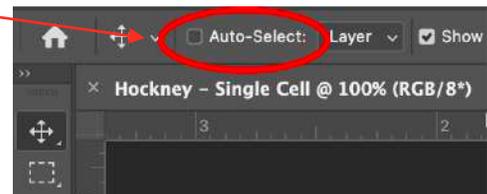
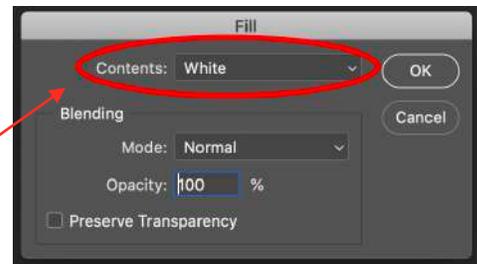
NOTE : From this point forward, you will work your way across your grid from Top left to right, then to Row 2, left to right, Repeat until you've clicked every square in the grid. This is where you need to **FOCUS** on the steps as it is very easy to lose track of where you are in the process.



1. **Complete the Layers :** With the Magic Wand tool - click the second box
2. **Using Your Action :** Go to the Actions Window - press the Play button.
Notice, a new layer, Layer 3 has been created. (see **RED** arrow to right)
3. **Repeat Process for Remaining Boxes :** You should end with 21 layers, with Layer 1 at the top, Layer 21 is above the Background Layer. **Note :** if you chose a different grid size, you will have more boxes / layers
4. **Delete Layer 1 :** Click on Layer 1 (all black layer) - Right Click - Delete Layer

Step 7 : Finish Work on the Grid

1. **Click on Background Layer :** Make sure the Background layer is active
2. **Create New Layer :** Click Create a New Layer Icon (now titled Layer 22)
3. **Fill Layer 26 :** Click on Layer 22. Edit - Fill - White (Contents : White)
 - A. Double click on Layer 22 - **Rename to White**
4. **Select the Move Tool :** Click on Move Tool. Make sure the "Click Auto Select" box is checked.



CREATIVE ASPECT TO OUR PROJECT : this is where you have to experiment with the layer arrangement. Don't settle, move the layers around, this is where you are showing off your creative eye. Gaps (white spaces) between the layers is cool, uneven borders are as well. **THIS PROCESS IS UP TO YOU - EXPERIMENT, take chances, there is no wrong way to create your image and please, ENJOY THE PROCESS of creating something new! You're creating and you're being an artist!**

NOTE : if when you begin to move your layers, you see Pink lines appear around your layer and it seems a little difficult to move them and they automatically align themselves with other boxes, this is due to the "Snap" function being active. **Go to View - Snap - click to deselect it**

5. **Moving Layers to Create Image :** Use Move Tool. Left click + hold on a layer and move it slightly. Continue moving all the layers as desired.

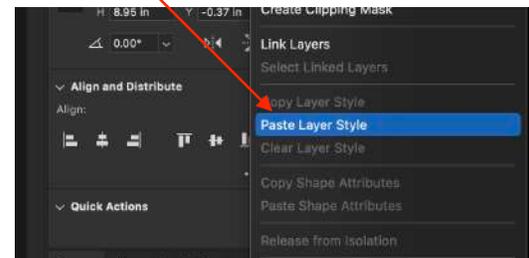
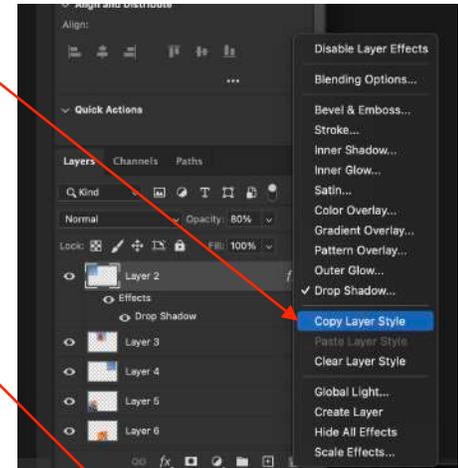
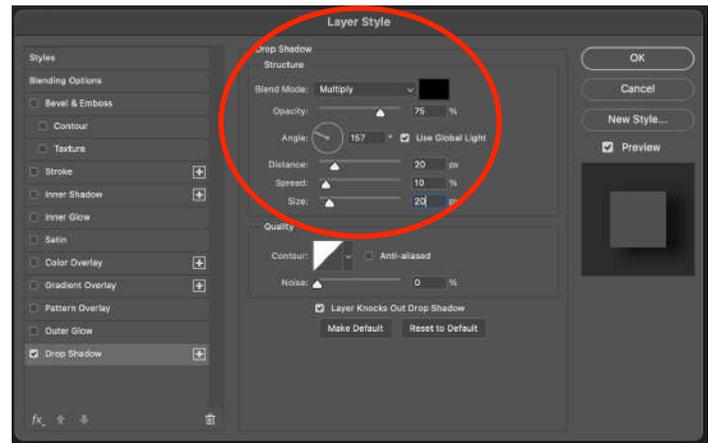
OPTIONS TO PLAY WITH : there are a few additional changes you can incorporate within the creative process if you choose.

- A. **Duplicate a layer :** select a layer (remember the layer number) and *Command + J* on the desired layer - New Layer should have the word "copy" after the number
- B. **Rotate layers :** with Move Tool selected, click a layer - move cursor to corner - it will turn to a rotating arrows - rotate as desired - click check to accept, stop icon to not accept changes
- C. **Resize a layer :** to resize, clicking on the layer - click on anchor point - expand / contract to change **constrained** layer dimensions. *Shift* + clicking on anchor point will free-form adjust layer dimensions - click check to accept, stop icon to not accept changes
- D. **Darken a layer :** rather than adding more layers by duplicating a layer - click Blend Mode options - Multiply to darken any layer you desire.



Step 8 : Being Creative - Adding Layer Styles

- Click on Top Layer** : Most likely this is Layer 2 - Double left click in the grey area next to the words Layer 2
 - Click on the words "Drop Shadow" **NOT** the check box
- Drop Shadow Options** :
 - Blend Mode : Multiply
 - Color is black - click on the color to change
 - Opacity - 75%
 - Distance - 20
 - Spread - 10
 - Size - 20
 - Opacity - 75% **Click OK**
- Copy Layer Style** : Place your cursor in the grey area next to the words Layer 2 - right click and select "Copy Layer Style"
- Apply Layer Style** : Click in the gray area of the first layer without the layer style (Layer 3)
 - Scroll down to the last layer, Layer 21 (**Do not** include layer titled White) Using your left hand - *Shift Key* + left click on Layer 21 - selects all layers.
- Paste Layer Style** : Right click in grey are of the active layers
 - Select "Paste Layer Style" Each layer should have that layer style add to it
- Change Opacity of White Layer** : Click layer titled "White"
 - Click on Opacity - click slide and adjust as you see fit - this will reveal more / less of the Background Layer



Step 9 : Finishing Your Image

- Save as a PSD file** : File - Save As
 - Format - PSD
 - Title - title the image : First Last - Hockney - Title
 - Save this PSD document to your desktop folder
- Flatten the image** : Layer - Flatten Image
- Verify File Dimensions & Change Resolution** : Image - Image Size.
 - Size - 10" X 8"
 - Resolution - 144
- Save as JPEG** : File - Save As
 - File type - JPEG
 - Save this JPEG document to your desktop folder
 - Tile this Document - First Last - Hockey - Title

YouTube Resource : Gavin Hoey - "Mosaic, montage or joiner effect from one photo - Week 43"
<https://www.youtube.com/watch?v=QVxIFtrHPTM>