

Step By Step for Creating a Tiny World from a Panorama Image

1. You will need to have a panorama photo for this- I would recommend taking one with your phone camera as discussed in class. A series of photos can be aligned and blended in Photopea as demonstrated. Crop your image so your Horizon line is not centered (upper $\frac{1}{3}$ or Lower $\frac{1}{3}$)
2. Open your panorama in photopea- A good panorama will have sky above the horizon line.
3. Go to image > Image size and reduce the size of the file> In the pull down menu select inches> change the Width to 8 inches> the height will automatically adjust when you click on it. (example 8 x 1.25) Set your DPI (resolution) at 300.
4. Adjust the size of the canvas-(image>canvas size- Change the 8 to a 16) it should be the same height,but double the width (ex: 16 X1.25)
5. In the layer menu drag the image layer over the layer button at the bottom to duplicate layer OR Layer> Duplicate Layer. Move the Layers side by side on the canvas.
6. One layer should be selected - Flip this layer - EDIT>Transform> Flip Horizontally. You will see the image flip to face the other direction (mirror image) . Make sure it lines up correctly and fills the space. There should be no space between the images or at the edges.
7. Crop inward if need to remove any excess canvas that is showing. Check your edges and where the images meet to make sure that things are properly aligned.
8. Layer> Flatten Image
9. Image> Image Size> Click on the link to deselect it- this will allow you to distort the size of the image. Make sure it is in inches. For Width type 12. For Height type 12. 300 dpi.
10. The image is now a square
11. Edit> Transform> rotate 180. Your image should now be upside down.
12. Filter> distort> Polar Coordinates> RECT to POLAR> OK
13. Go to the selection tools- find the Elliptical Select>Starting in the upper corner of your image, Click and drag your selection to the lower corner creating a perfect circle. Try to get as precise as possible and as close to a circle shape as possible. You have your circle right if all 4 outer corners touch the edges without going over. If you mess up- step back in your history or Ctrl D
14. Select>Inverse

15. Go to the toolbar and find your eraser tool (under the brush tool) Adjust your brush size to a large size and erase the outside of the circle so that you have a clean world shape.

16. SAVE AS PSD > rename Tiny World and Your last name. Save for the classroom.

Do the same steps for the Wormhole but **don't** flip the image upside down!! Save as Wormhole and your last name and submit.