

PHOTOGRAPHY 11

Your Avatar

Goal: Transform a picture of you into a Na'Vi character from the film Avatar.

Steps:

- Watch YouTube clip - using Photoshop to make an Avatar
- Get a partner to take your picture OR use a picture of you that you like
- You might find it easier to work with a picture where you are looking squarely at the camera
- There are lots of Photoshop tutorials out there for this, but we are going to use the one with [Tom Cruise's face](#).
- Watch the demonstration
- Now try it with your own photo
- Below is the order of changes to make and the tools to use in Photoshop:
- Note on brush size - The instructions below give the brush sizes for the Tom Cruise Avatar. Brush sizes will be different for your own image.
- Apply Photoshop workflow
- Duplicate background layer 2 times
- Skin – Brush tool / choose a Dark Blue in the colour picker (0E1B60) / Mode = Hue / Large Size / 75% Hardness / Opacity 100% (experiment) / Zoom in for accuracy / Use eraser to fix any areas that shouldn't have been painted / Link top two layers (if you erased at all) / Layer/Merge Linked
- Eyebrows (if necessary) – Clone stamp tool / Hardness = 20% / Opacity = 100% / Option-click to select copy point / release / paint
- Eyes – Lasso (feather on 20 pixels) / Copy / Paste / Command-T / Rotate / Re-size to 118% (W), 118% (H), 15 degree rotation / Erase with soft eraser / Merge top 3 layers (eyes and blue skin layer)
- Remove Ears – Brush tool / Mode = Normal / Opacity=100% / Option-click to select black from image / Hardness=90% / Paint over ears
- Insert Na'Vi Ears - Open / Ears.jpg / Magic wand to select white / Select/Inverse / Select/Modify/Contract/1pixel / Move tool / Move to face / Command-T / Re-size / Move ear into place / Copy hair from background layer and move that layer to the top of the layer stack (optional) / Right-click on the ear layer / Duplicate Layer / Edit menu / Transform / Flip Horizontal / Move the 2nd ear into place / Merge the two ear layers
- Match ear colour to face colour - Command-U (Hue/Saturation) / Change the hue and saturation sliders to match the skin colour
- Copy and paste hair - Lasso tool (feather = 0) / Select the area of hair that is under the ear layer / Copy / Paste / Drag the layer to the top of the layer stack in the Layers palette / Eraser tool - Hardness = 50% / Erase, following the lines of the hair / Merge hair and ears with the blue skin layer
- Lighten Eyes – Dodge tool / Exposure = 15% / Size = 20 (or same size as iris) / Hardness = 50% / First Midtones / Then Highlights
- Enlarge Irises – Select iris with Lasso tool (Feather = 1) / Copy / Paste / Re-size (command-t) / Width and Height to 120% / Move so that the top of the new eye lines up with the top of the old eye / Hide / Lasso Select the bottom of the eyelid / Unhide / Delete key / Return to the blue face layer / Repeat for eye #2 / Link the 3 layers / Layer / Merge Linked

- Nose – Filter / Liquify / Zoom in and out / Use a medium size brush (80-100) with brush pressure at 60% / Widen at the top / Pinch nostrils a bit / Play with settings to get best results
- Nose – Burn (exposure around 12%) to darken / Dodge to lighten (Exposure = 8%) / Purple brush (Mode = color) for nose & lips
- Face – Burn with a large soft brush (Size 30 / Exposure = 12%) to darken shadow areas, especially along side of nose and under eyes / Dodge to lighten - 10% / Highlights
- Markings – Stripes = New Layer / Brush tool – Dark Blue / Mode = Normal / Opacity 30% / Size 8 Then Size 3 for points / Hardness = 80% / Change layer opacity to adjust darkness of markings / Try Filter/Blur/Gaussian Blur at around 3.5 to blend your stripes in
- Dots = New Layer / Brush tool - White / Opacity 30% / Diameter - 2px/3px/4px (for Tom Cruise) / 15px/10px/7px (for you) Mode - normal. Try clicking once, twice, three times - for different brightness.

Evaluation (20 marks)

The Provincial Proficiency Scale	EMERGING	DEVELOPING	PROFICIENT	EXTENDING
	The student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a complete understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning.

1. Content/Composition – 4 marks

A well taken head and shoulders photo in focus, proper color on a basic background.

2. Technical Requirements – 4 marks

How effective has the editing created a Na'Vi character nose, eyes, lips, hairline, ears, and facial design.

3. Wow! Factor – 4 marks

All Na'Vi look different, just like people. Get creative in what features you embellish and how the design you create for the face.

4. Professionalism – 4 marks

File and Folder Naming:

Folder Name: Avatar-YourName

File Name: YourName-avatar.jpg

Professionalism is based on the attention paid to the accurate and careful presentation of the final project.

5. Journal Entry – 4 marks

Only one paragraph! What did you find challenging about this assignment? What did you learn? include the before and after shot of your photo. Rate your final image out of 10 and explain why.