Fish Scales created in Photopea

Aim: Students will be able to Create a pattern using a fruit or vegetable to create scales as seen on fish and reptiles.

Objectives:

1.   Students will be able to select a high-quality photograph of a fish and neatly remove the area around the fish.

2.   Students will be able to select a high-quality photograph of a fruit or vegetable and neatly remove the area around the fruit or vegetable.

3.   Students will be able to Duplicate the fruit or vegetable to create a pattern of scales.

4.   Students will be able to Merge the fruit or vegetable scales together.

5.   Students will be able to Add a Layer mask to the scales to lower the opacity over the head and fins.

6.   Students will be able to duplicate the Fish and Scales and merge the layers together.

7.   Students will be able to duplicate the fish and Transform the Scale (size), Rotation, and direction.

8.   Students will be able to add a photograph of underwater and 4 objects that can be seen underwater.
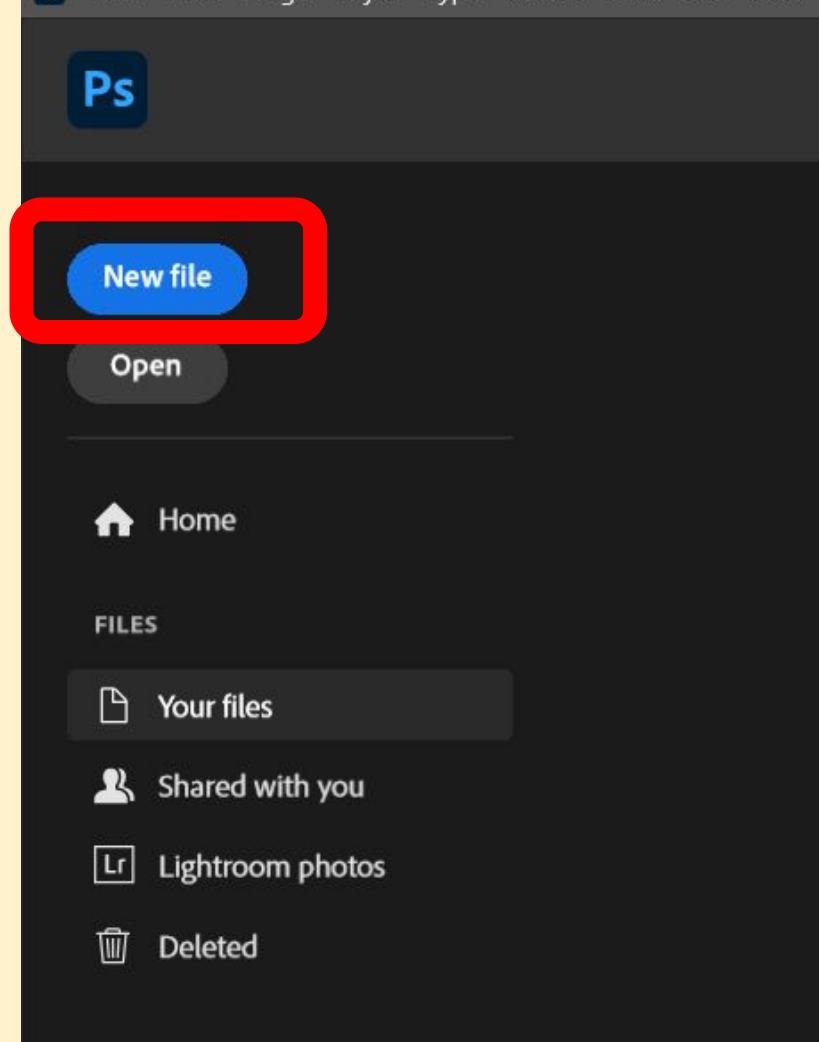
1. Google Classroom & OneDrive
You may use Photoshop instead of Photopea as it is more stable with Large Files. The directions are for Photopea however they are very similar.
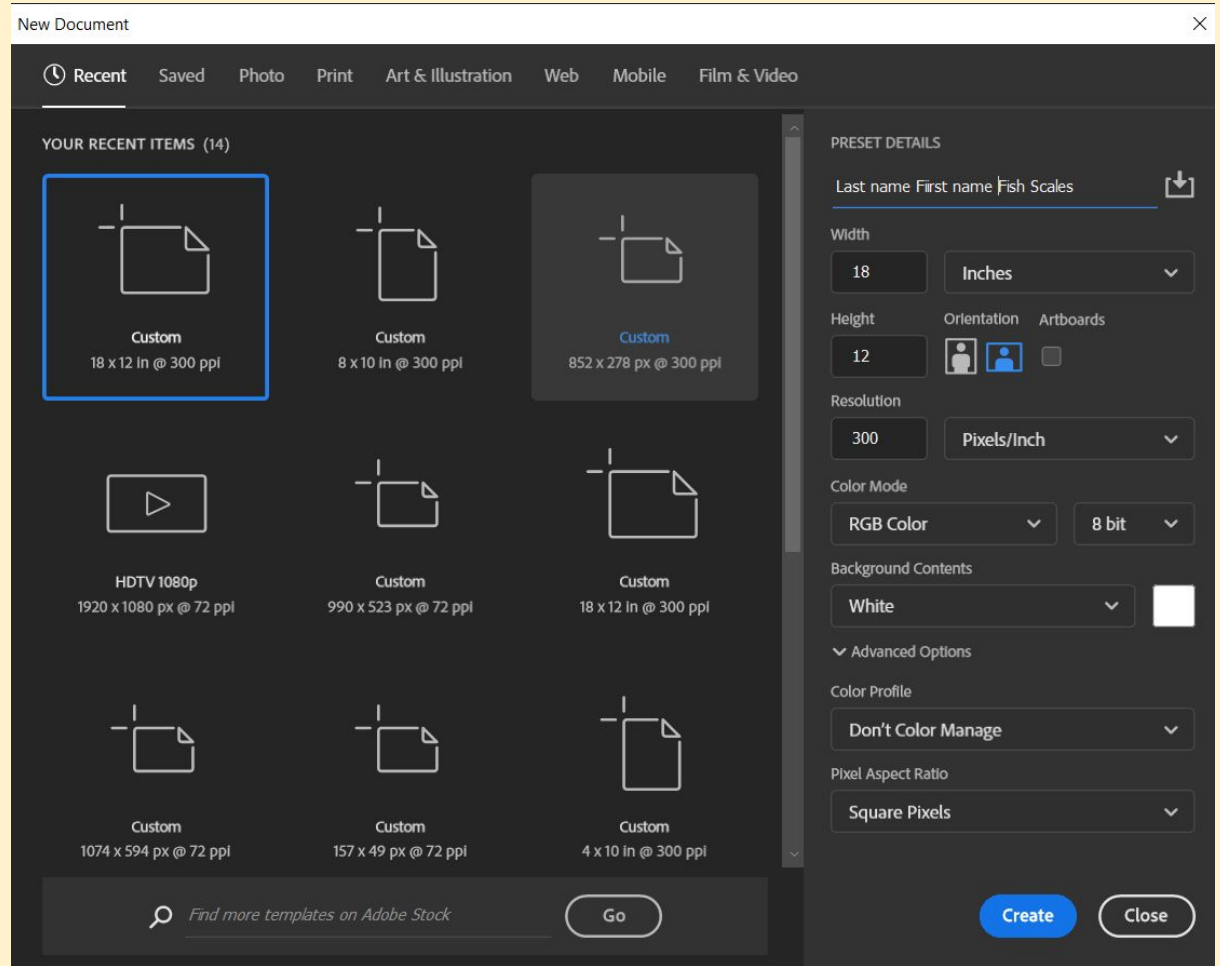Remember to save your document frequently.

Open Photoshop

Adobe Photoshop
New File

File Name <u>Last name First name Fish Scales</u>
Fish Scales
12" high
18" wide
300 resolution/dpi
Select Create

New Document   ✕

🕐 **Recent**   Saved   Photo   Print   Art & Illustration   Web   Mobile   Film & Video

YOUR RECENT ITEMS (14)

Custom
18 x 12 in @ 300 ppi

Custom
8 x 10 in @ 300 ppi

Custom
852 x 278 px @ 300 ppi

HDTV 1080p
1920 x 1080 px @ 72 ppi

Custom
990 x 523 px @ 72 ppi

Custom
18 x 12 in @ 300 ppi

Custom
1074 x 594 px @ 72 ppi

Custom
157 x 49 px @ 72 ppi

Custom
4 x 10 in @ 300 ppi

🔍 Find more templates on Adobe Stock   Go

PRESET DETAILS

Last name Fiirst name Fish Scales   ⬇

Width
18   Inches   ⌄

Height   Orientation   Artboards
12   👤 👤   ☐

Resolution
300   Pixels/Inch   ⌄

Color Mode
RGB Color   ⌄   8 bit   ⌄

Background Contents
White   ⌄   ⬜

⌄ Advanced Options

Color Profile
Don't Color Manage   ⌄

Pixel Aspect Ratio
Square Pixels   ⌄

Create   Close

Fish Scales Project

Collect 20 Fish Photos

Aim:

The student will be able to:

Save 20 photos of a side view of Complete fish or another scaled animal such as a reptile see sample below.

Create a folder named fish in your downloads folder and Save photos from the internet to the folder.

Upload images to Assignment.

Vocabulary

Fish

Reptiles

Photography

Right mouse click (2 fingers on chromebook touchpad)

Save image as

Download

Save Folder

File types

.jpeg

.png

Before

After

Before

After
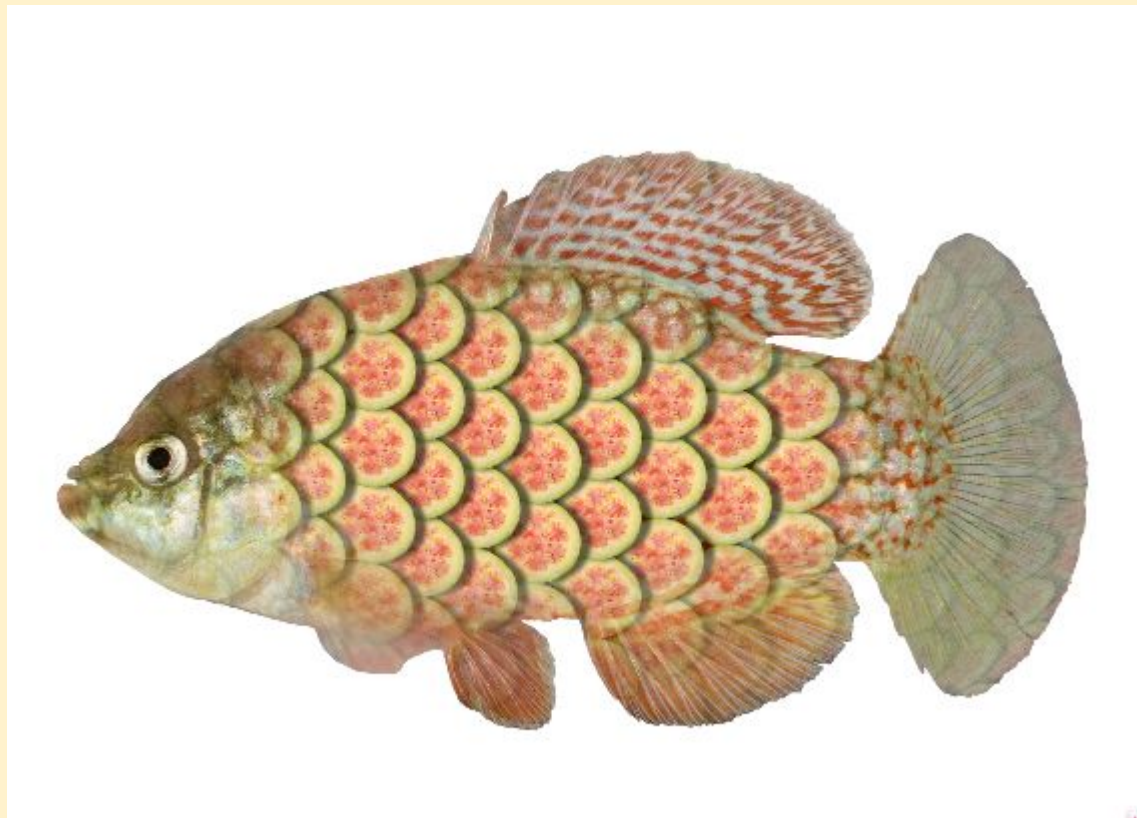
Photopea basics
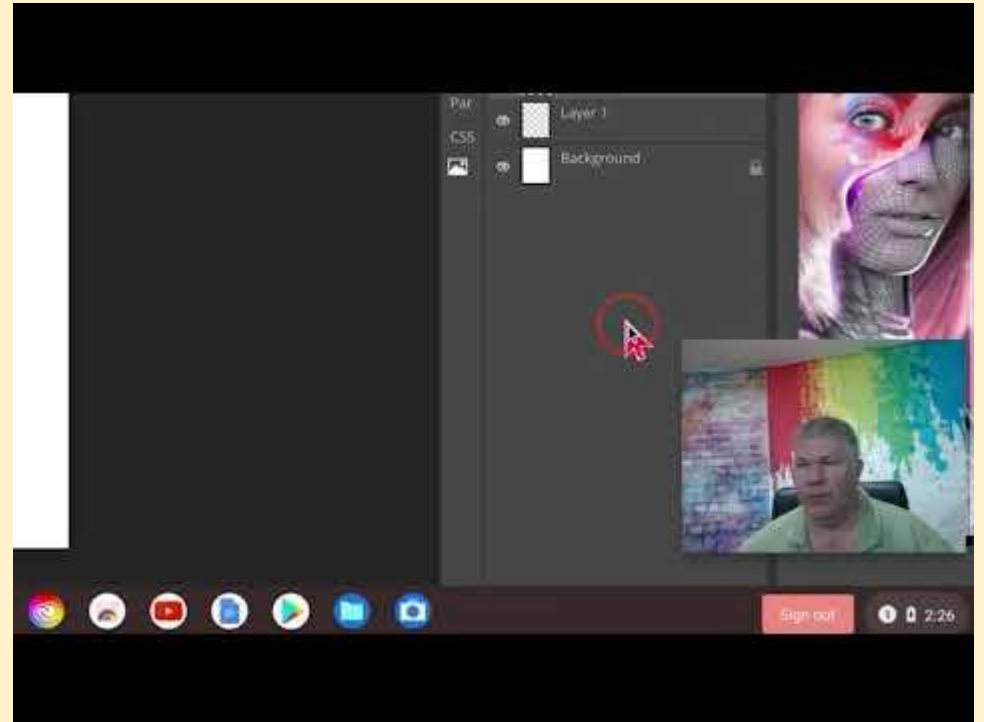
The student will find 20 pictures of individual pieces of fruit or vegetables. Choose one of the best fruit to remove the background.

Open & Place
    Photos of fruit
    And removing
    backgrounds.
    You may copy
    and paste
    photos into
    photoshop.
https://youtu.be/
    JfEIlwm3LvU

Placing Photos
Into Photopea

Move Tool Auto-select and Transform Control options.
https://youtu.be/AmPISG6sQt0

Move tool
options
select and
transform

Duplicating a file in Google Drive and on the Chromebook and Renaming a file.
https://youtu.be/vLgIcA9TK2c

Duplicating a file in Google Drive and on the Chromebook and Renaming a file

Photopea Open & Place a Fish Photo.

https://youtu.be/mhS01pT98GU

Removing the Background of a fish photo.

https://youtu.be/MH2qXWiPJm0

Removing the
Background
of a
Fish Photograph

Rotating your canvas and photos from Portrait to Landscape.
https://youtu.be/mhS01pT98GU

Selecting your fruit to be a scale and adding a drop shadow to an image.

https://youtu.be/vxXWuq8w8KY

Folder: placing Layers in a folder or a group. https://youtu.be/LEB98vEyzo8

Photopea Folder: placing Layers in a folder.

Creating the Scales through duplication.
https://youtu.be/Vt25beMunFI

Creating the Scales through duplication.

Duplicating fruit
to create scales

1. While using the Move tool holding down the ALT key and using the Left Mouse Button to drag the fish (touchscreen on the Chromebook).
2. Right click on the layer of shape and duplicate it.
3. Edit copy then edit paste
4. CTRL C (Copy) then CTRL V (Paste)
5. CTRL J to duplicate the layer.

Hold the Shift Key to select the Fish and Fruit Scales layer to create a Group (looks like a folder) of fish Layer and scales Layer.
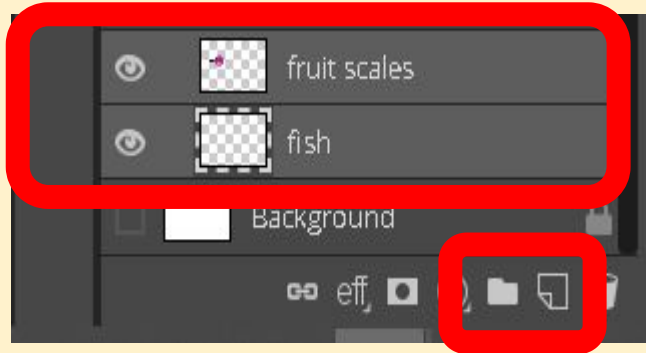
Right Click on the group and Duplicate the group. Photoshop is Duplicate Group, Photopea is **Duplicate Layer.**
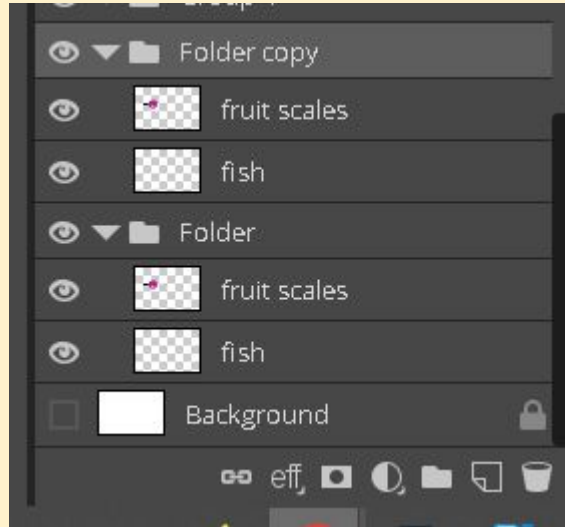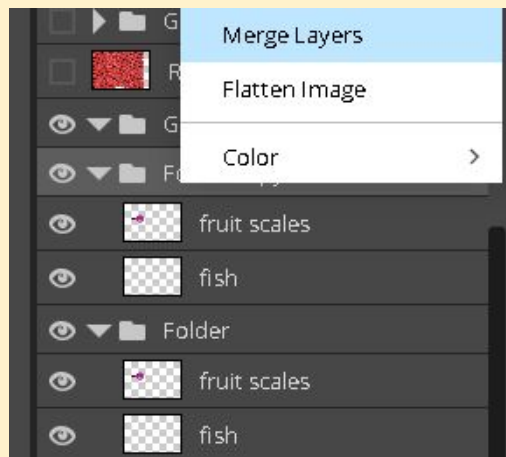
Then right mouse click on the group to merge Layers/Group the duplicated group so you can copy it, move it, scale and rotate it.
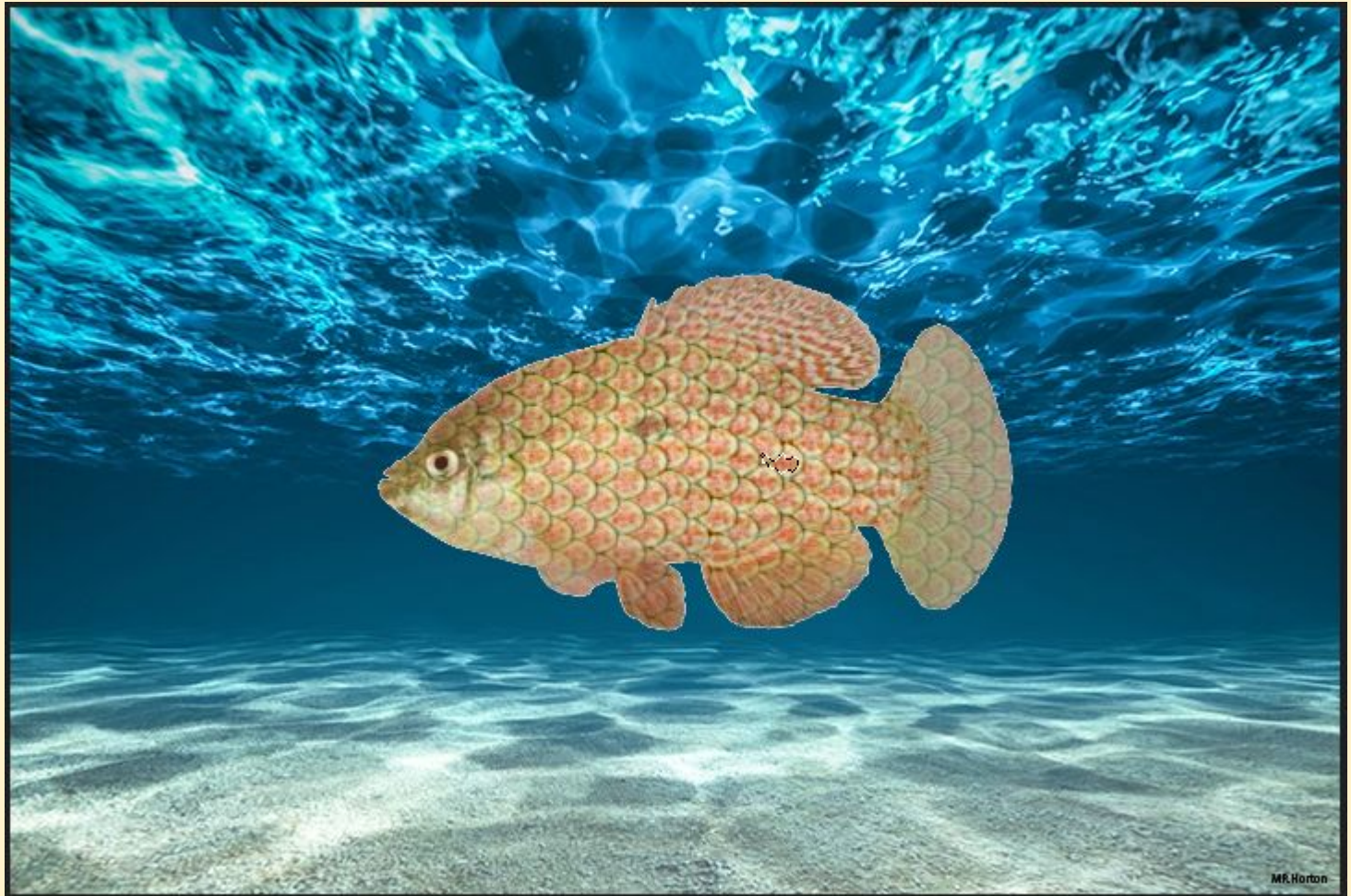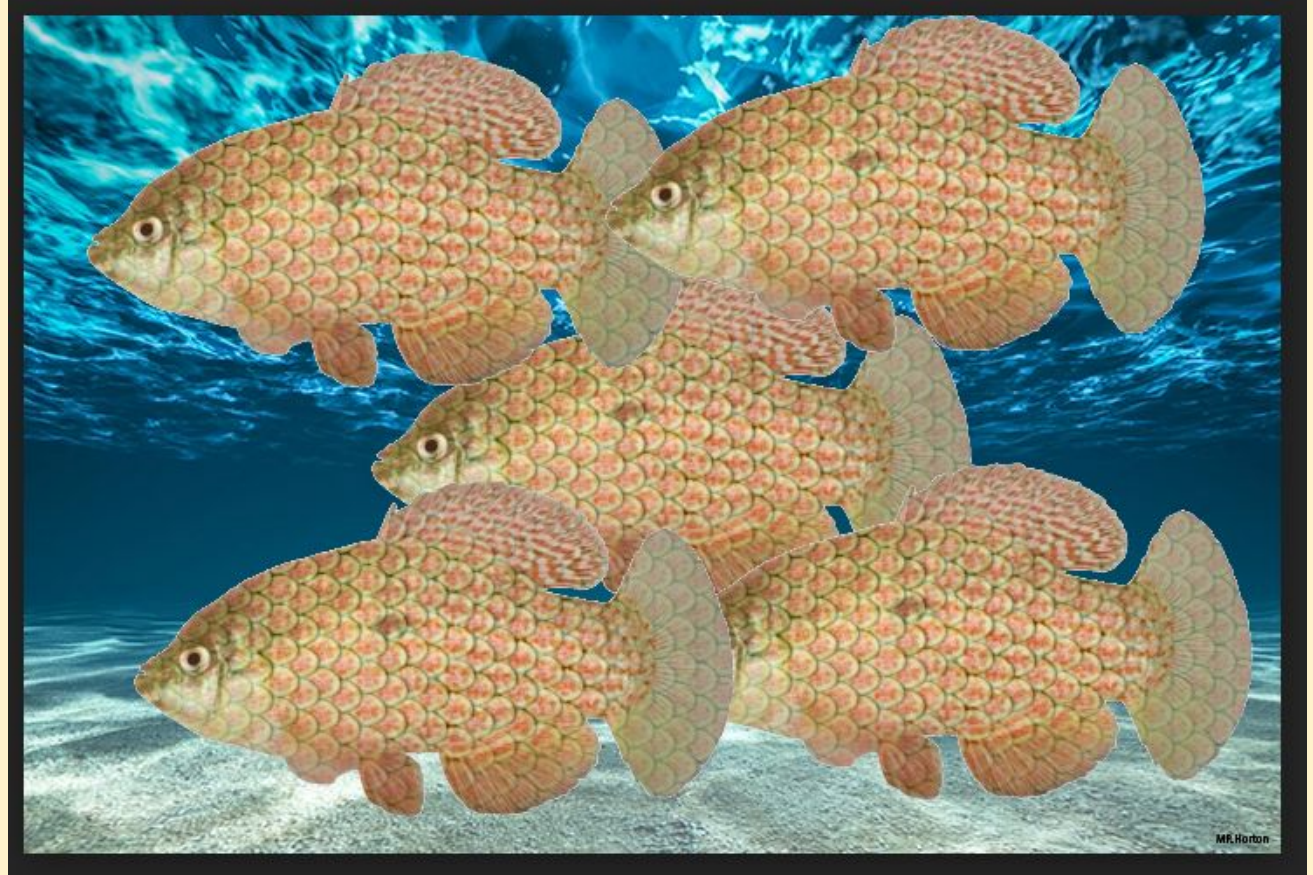
Photopea
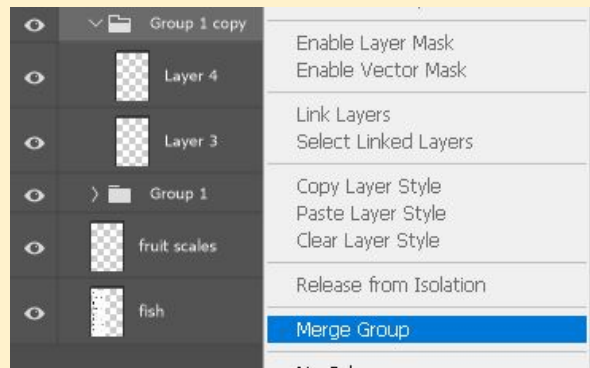
Photoshop

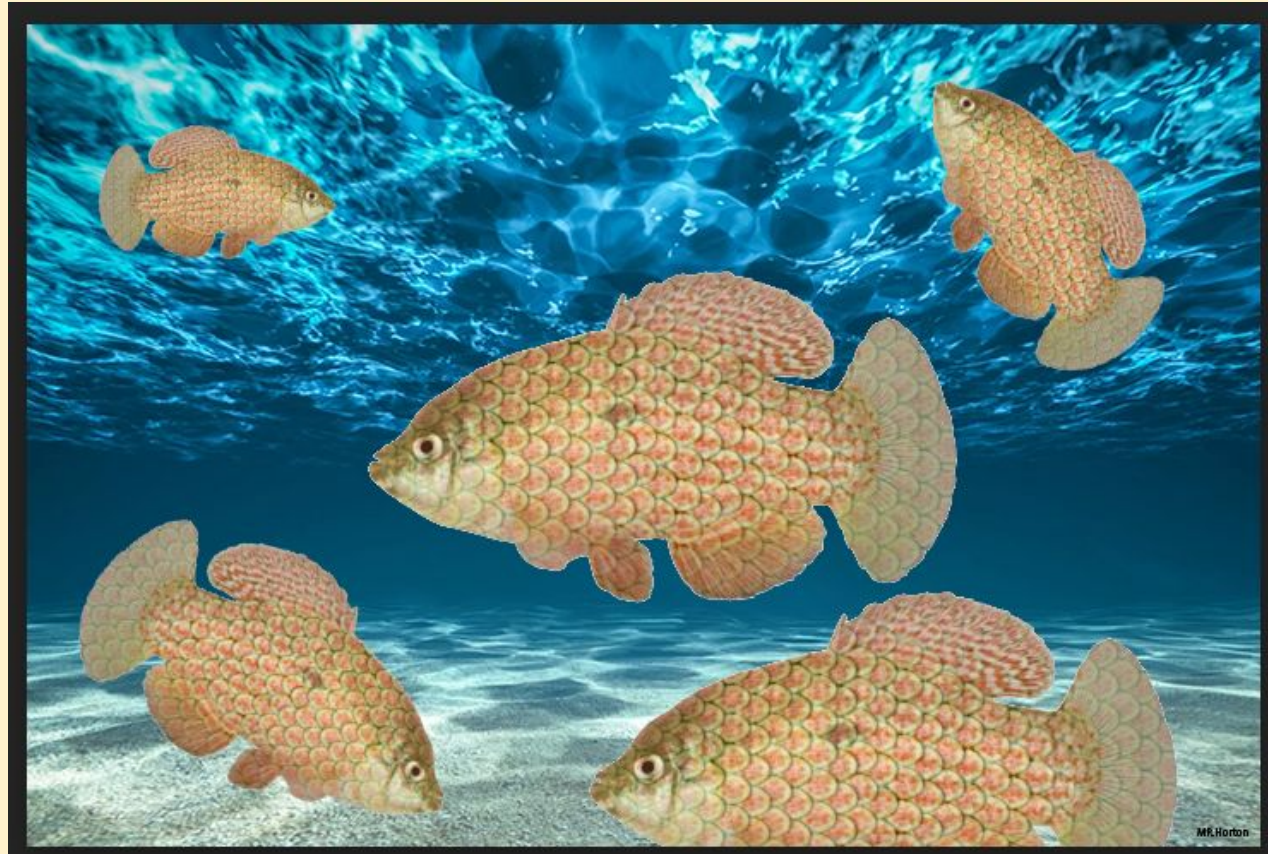Add a photograph of underwater to a new layer below the fish.

Duplicate fish using:

While using the Move tool holding down the ALT key and using the Left Mouse Button to drag the fish

Transform CTRL T

the fish size, rotation
and flip Horizontal.

Repeat making scales for 2 more fish and add 4 underwater objects