

6. How to make a repeat pattern for textiles from natural forms

This project will:

(including Art ATs)

show you how to make a repeating pattern using a digital image which can then be developed for use with textiles.

[Aiding in the creative process: Art 1B](#)

Art context:

through manipulating primary and secondary resource materials on the screen and using the result to develop further work - for example, using a computer print-out as a springboard for further work in two and three dimensions.
Art 1B

Suggested Artists/Movements:

- [William Morris](#)
- [Clarice Cliff](#)
- [Art Nouveau](#)

Technical content:

Using Pattern Stamp Tool or Copy and Paste, rotate, flip, scanning.

1

Browse to the file named *Leaf 1.jpg* for use in this tutorial.



2

Make a selection using the rectangular selection tool.

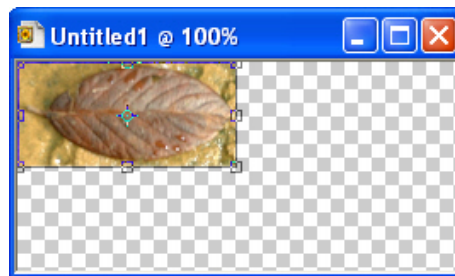


3

Select Edit, Copy. Then Paste the selection using either the shortcut icon or go to Edit, Paste, As New Image. This will fill the canvas so we need to scale the image down. Use the deform tool to change the image size.

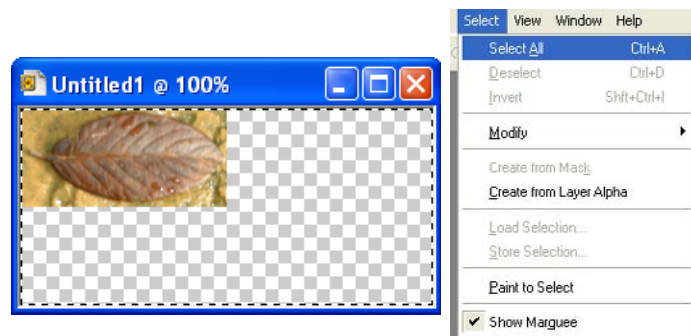


This will allow us to scale the image. To maintain the proportions of the leaf, hold down the Shift key as you drag a corner handle to make the leaf smaller.



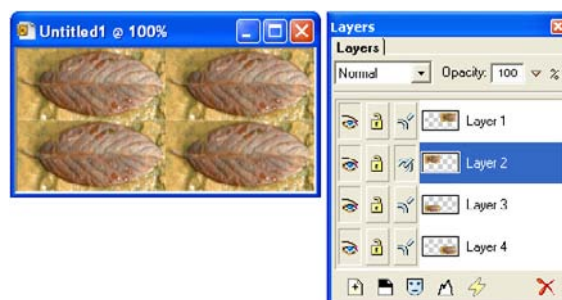
4

When you have resized the image go to Select, Select All. Then select Edit, Copy. Now Edit, Paste the image as a New Layer or use CTRL + L. This will give you a duplicate layer. Reposition the layer using the Move tool, then deselect the layer by going to Select, Deselect or pressing Ctrl + D.

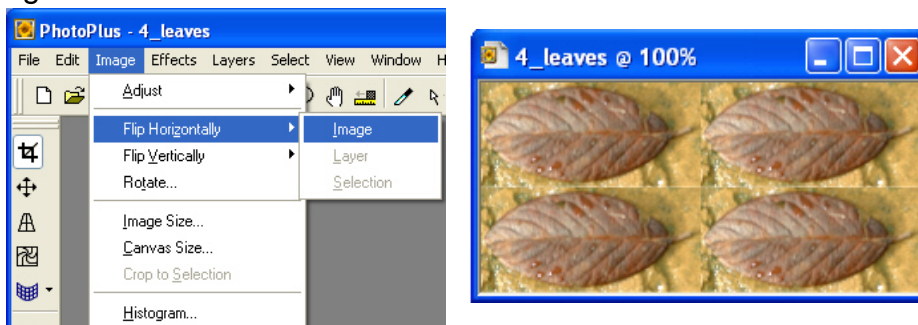


5

Continue pasting and positioning until you have a block of four leaves. Note what is happening to the layers – they are building up. Now we need to flatten the image.



- 6 Choose Layers, Merge All. This will put the four leaves onto one layer for us. Save your file as *4_leaves*. Now we can begin to flip and rotate parts of the image. Choose Image, Flip Horizontally, Image.



- 7 Continue to paste images in until you are happy with the result. You may wish to flatten the image again during the process (Step 6) so that you can copy and paste larger areas.

- 8 If your image is becoming too large for the canvas you can increase the canvas size. Go to Image, Canvas Size.

Choose the unit of measurement you want to use, then enter the new width and height dimensions of the canvas.

For Anchor – click a square to show where to position the existing image on the new canvas, then click OK.



9

Using the selection tools, you can select areas of the image to apply filters from the Effects menu or simply leave the pattern for use as it is. Remember to save your file with a different name.

10

You can use the Clone Stamp tool to re-create sections of an image. The image below illustrates the effect of the cloning technique.



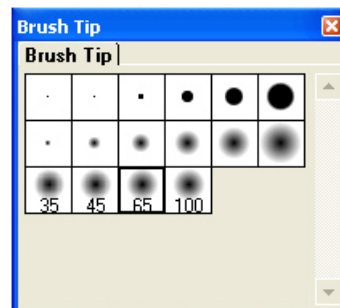
Clone Stamp tool

Return to the original file named *Leaf 1.jpg* and select the Clone Stamp Tool.

You will need to decide which section of the image you want to copy.

Choose the brush and set your brush options. You can change the attributes of an existing brush or create a new brush with your desired setting. To do this right click on one of the brushes in the Brush Tip dialogue box and select New Brush or Brush Options. If the Brush Tip tab is not present on your screen go to View and select it from the drop down menu.

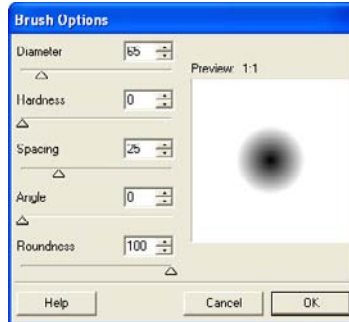
Now position your cursor over the starting point for your clone and hold down the Shift key whilst clicking the left mouse button. This selects the starting position for the cloning. Now move your cursor to the point where you want the clone to appear and hold down the left mouse button to begin cloning. Keep the button held down and sweep the mouse across the image. You will see a copy begin to appear. Keep doing this until you have repeated the pattern.



11

You should experiment with the different brush settings – diameter, hardness, spacing, angle and roundness – to see the effect on the image.

Save the new image as *Leaf 1 Clone*.



To return to the main menu, close this window by selecting **File > Close** from the menu bar.