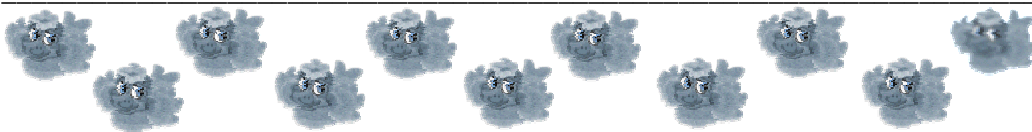# USING ZONER DRAW VERSION 4 TO DRAW AN IMAGE FOR DIGITIZING

Lesson by Vanessa Page
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27th July 2003

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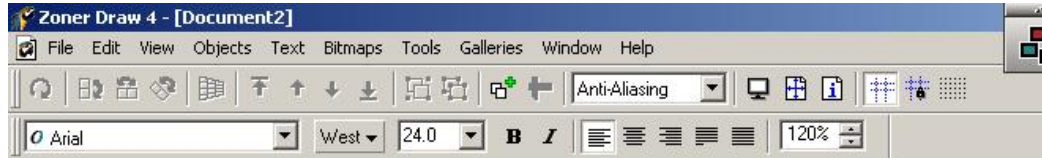
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Graphics by Skeldale House

I am writing this quick tutorial to give you an ideas for digitizing.

Open Zoner Draw 4 and set your screen up like mine.
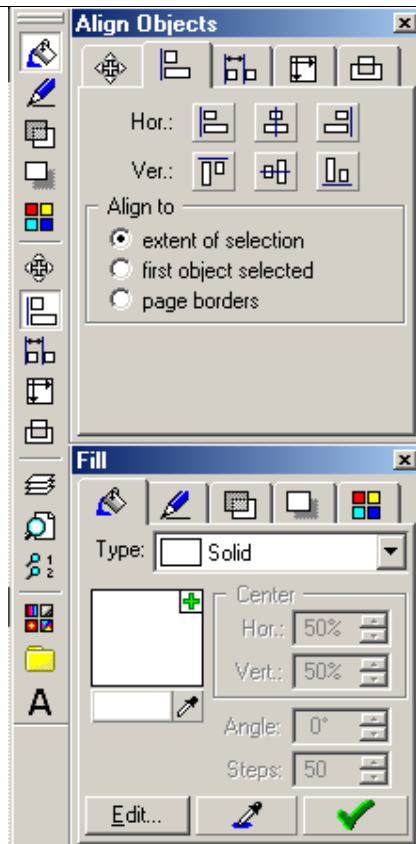**If you aren't sure how to do this please download some of my other tutorials from my website.**

TOP MENU

Zoner Draw 4 - [Document2]

File   Edit   View   Objects   Text   Bitmaps   Tools   Galleries   Window   Help

Arial   West   24.0   **B** *I*   120%

LEFT MENU

RIGHT MENU

Align Objects

Hor.:

Ver.:

Align to
- extent of selection
- first object selected
- page borders

Fill

Type: Solid

Center
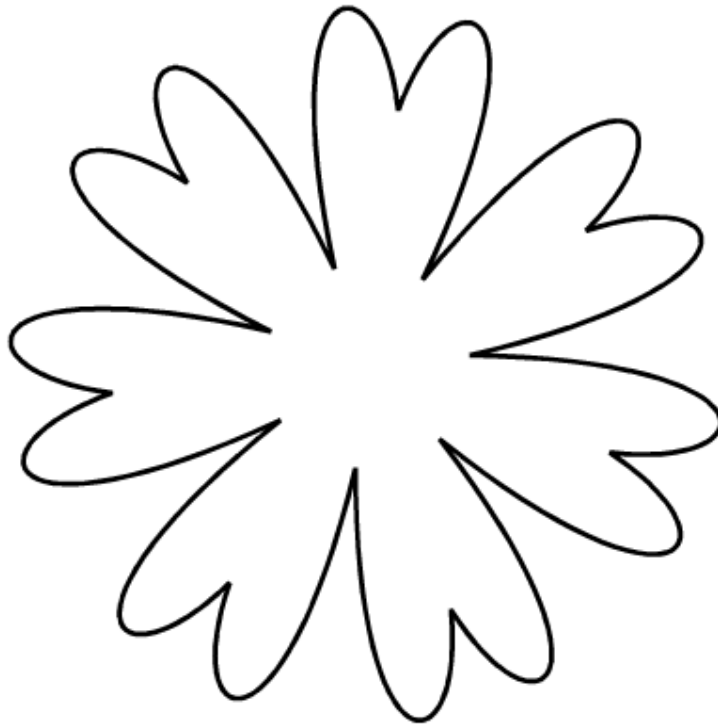Hor.: 50%
Vert.: 50%

Angle: 0°

Steps: 50

Edit...

From the Left Menu left click on the shape tool. The menu will open out if you click on the little triangle on the button.

Select the flower shape.

Drag a flower shape from the centre to bottom right across your work area.

If your shape doesn't look like this then that's fixed by changing things on the Top menu.

Change to the selection tool and click on the flower.
This opens a new top menu.

You can see by mu menu that I have Peaks of 7 and Sharpness of 25%. Change yours to match mine.
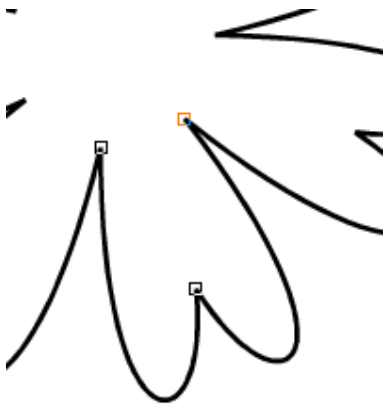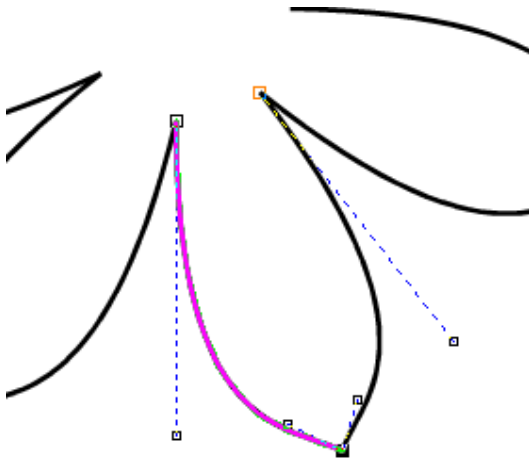
Click on the Edit Shape button on the Left menu.
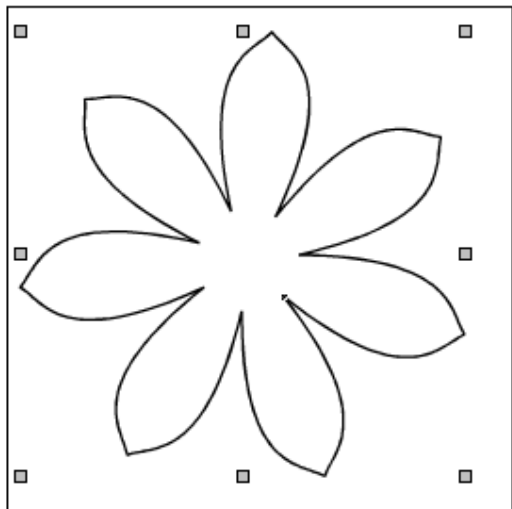
The top menu will change again.

Select the Shapes Peaks tool. This allows you to alter the shape of one part of the object and it will change the rest of the areas that are the same.
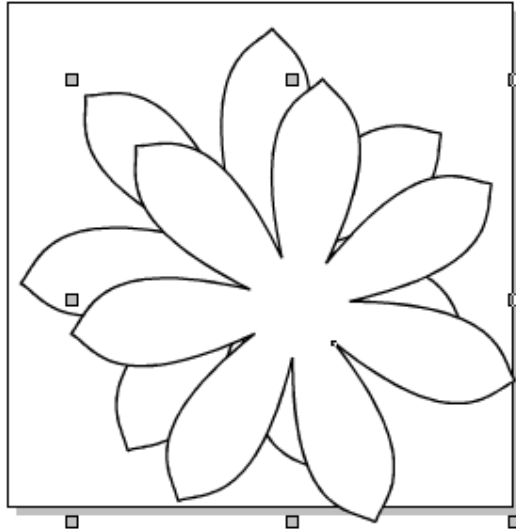You will notice that you have 3 nodes that you can adjust.

Hold down the Shift key and drag the middle node outwards till it forms a peak.
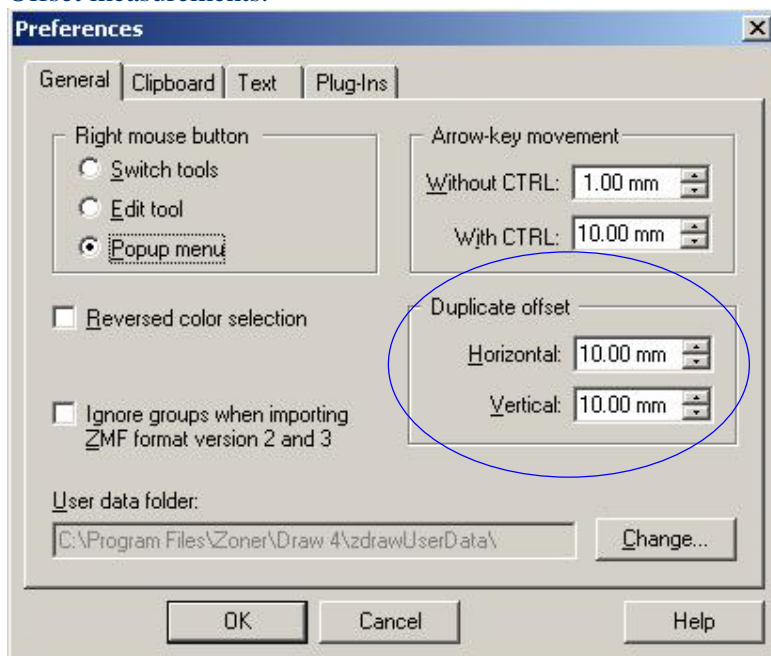
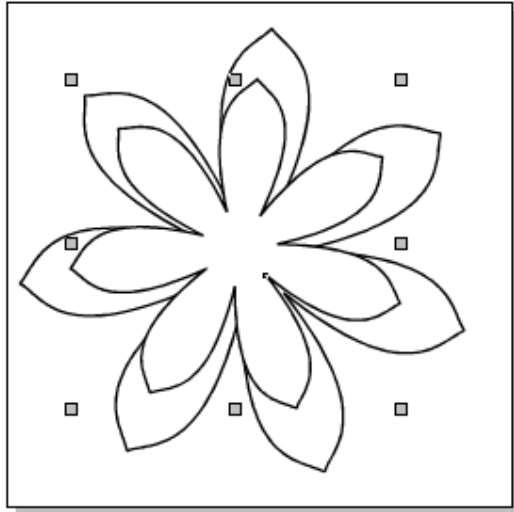All the other peaks have change as well.

Use Control + D to duplicate the flower shape.
Depending on what you have set your Preferences up as, will determine how far the duplicated shape moves.
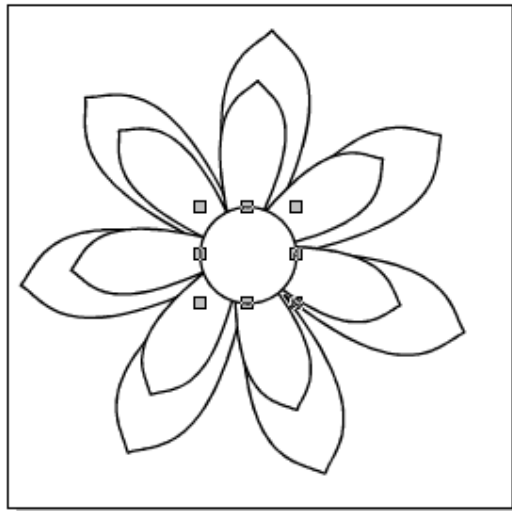
If you want to change the preferences click Control + M and change the Duplicate Offset measurements.
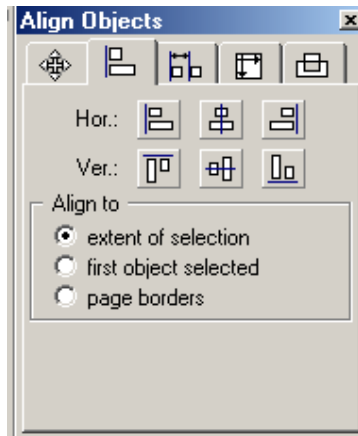

Select a corner node of the second flower and reduce the size of the flower.

Select the Circle Shape Tool and draw a circle in the centre of the flowers.

Now click Control + A to select all the flower parts.
Now go to the Align Objects menu.

If its not visible make it active by clicking Control + 7.
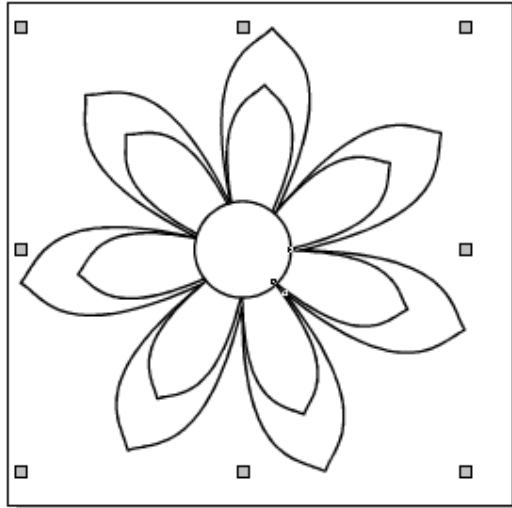
Select the Align parts button. and click the Horizontal Centre button followed by the Vertical Centre Button.

All the parts have now been centred.

You can colour the parts or leave them black and white.

If you are using PeDesign and want to take the image into Design Centre then just make sure the line width is 0.5mm and EXPORT as a .bmp.

If you want to use the image in Estudio you can colour the parts in.
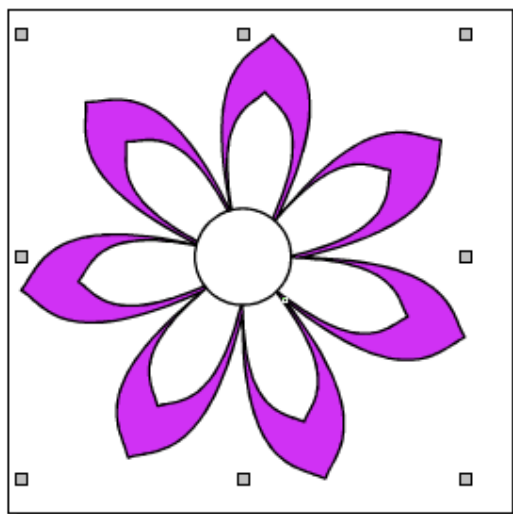
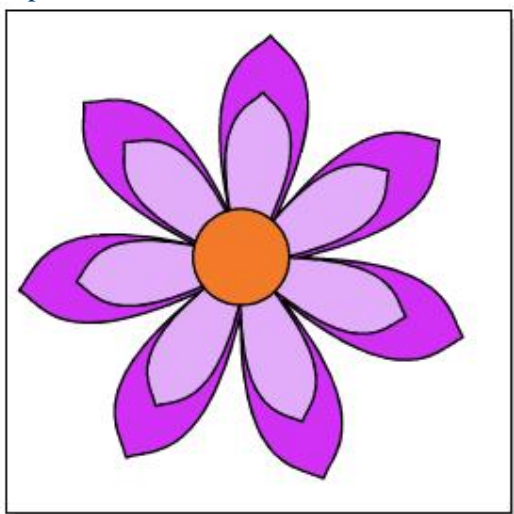Select the Fill Bucket from the Fill Menu click on the colour bar and select a colour from the menu that opens.

Don't forget you can click on the top bar to change the colour as well. When you have the colour you want just select the part of the image you want to change the colour of and then hit the check mark.
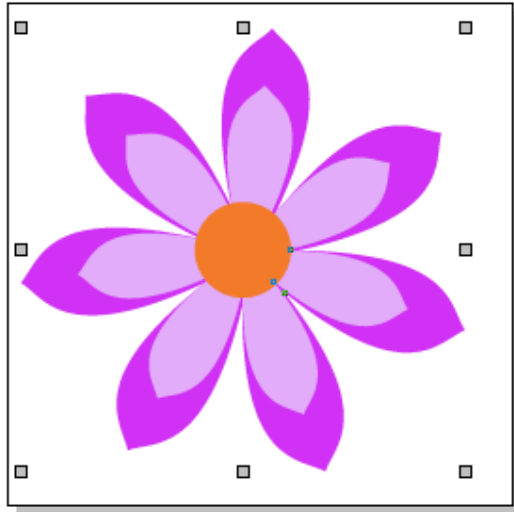

Repeat for the next colour and so on.

If you want to use the image for Auto Digitizing for a program like Generations I would suggest you remove the outline.

Select the Pen Tool. and open the Type menu.

From the drop down menu select None. Click Control + A now click on the check mark.

I also suggest you save the image in .zmf format which is the Zoner Format so that you can reuse and alter the image for future use.

You could reduce the size of the image but before doing that use Control + G to group them together.

Duplicate to give you a bunch of flowers. Ungroup to change the individual colours.

Use the Line Tool to draw some stalks. Change the Pen width to 1.5 and colour to brown. Group all the flowers together.
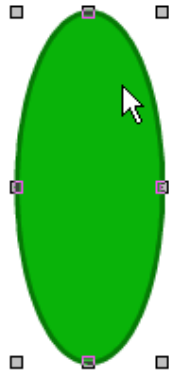
Hold down the Shift key and select each of the stalks. Now group them together.

Select the object order tool to move the stalks behind the flowers.

Select the Oval Shape Tool. Draw an Oval with line width of .50mm colour dark green, fill colour light green.

Select the Edit Shape tool. Click on the Hammer tool from top menu. Hold down the Shift Key and drag the top and bottom nodes to form a leaf.

Draw a vein down the centre if you want too. Remove the leaf outline. Next group the vein to the leaf. Select the leaf twice to get the rotate function working and turn the leaf into place.

Duplicate and Flip it to form the other leaf. Move it into place using your Arrow keys + Control or Shift keys depending on the amount you need to move it.
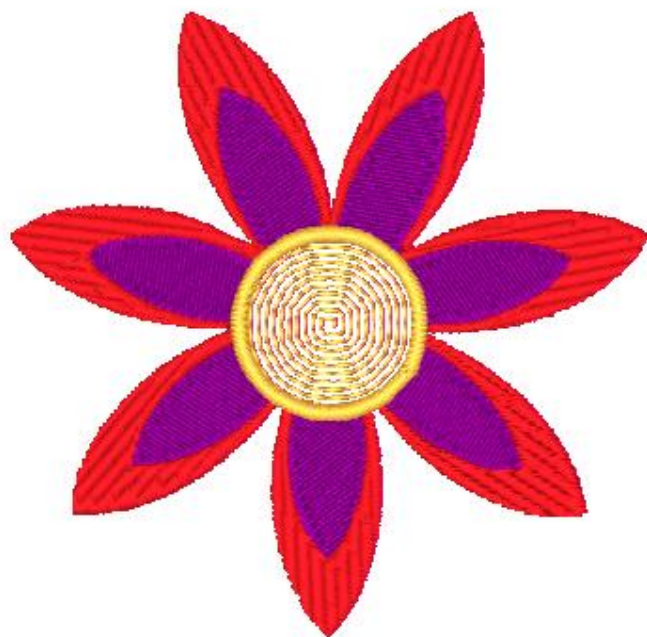
You can add another leaf if you want to.

If the stalks aren't in the correct place you can select them ungroup them and edit them using the edit node tool.

I actually took the flower image into Generations Auto Digitizing program and heres the design.

The same design digitised with Generations and slight tweaking of fills etc.

I hope you enjoyed this lesson and it has given you ideas for doing your own drawings.

Vanessa Page

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