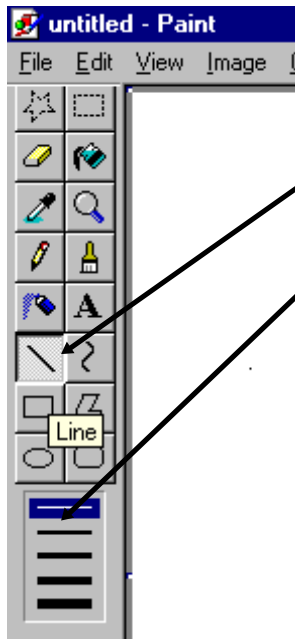


Using Paint, Session 2

In Session 1 you were introduced to Paint and how you can use it to work with your own graphics and pictures. In this session you will learn how to:

- Draw straight lines, including choosing different line widths and different colours
- Draw thicker, free-hand lines, using *Brush*.
- Draw a 'many sided shape', including triangles



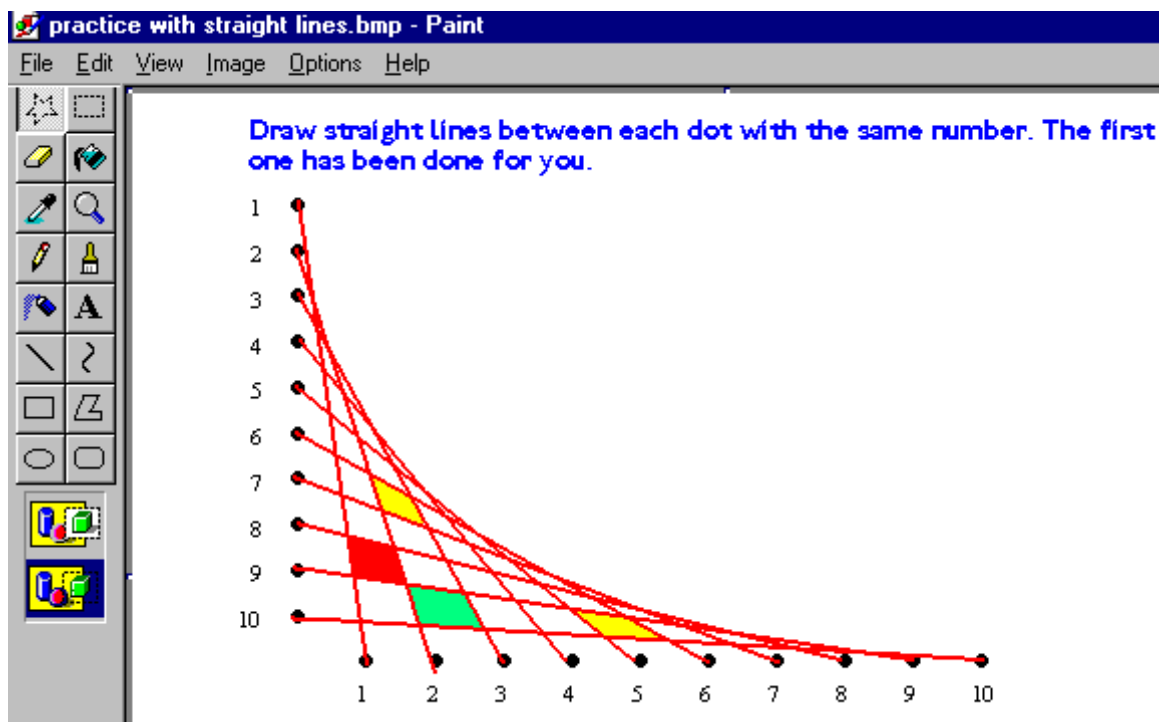
1. Drawing straight lines

So far we have drawn lines using the *Pencil* button, but it can be very hard to draw lines that are straight. To draw a line that is perfectly straight

- Click on the *Line* button. A box then appears under the toolbar, containing different thicknesses of line that you can choose to draw with.
- Choose the line thickness that you want, by clicking on it
- Choose a colour for your line, by clicking on a colour in the colour pallet.
- Move the mouse pointer on to the page part of the screen and at the point where you want the line to start
 1. click the left mouse button and hold it down
 2. move the pointer to where you want the line to end
 3. let go of the mouse button

- *Try it out for yourself. Experiment!*

Challenge 1: Load the file **Practice With Straight Lines** (called “practicewithstraightlines.bmp”) and have a go at the activity. Once you have completed it successfully, load it again and repeat the exercise with different colours and different line thicknesses. Colour in some of the shapes using *Fill Colour*.



If you have enough time and you really know what you are doing, have a go with the advanced Line Drawing Activities

- **Practice With Drawing Straight Lines, Advanced 1**

Named “*advancedpractice1.bmp*”

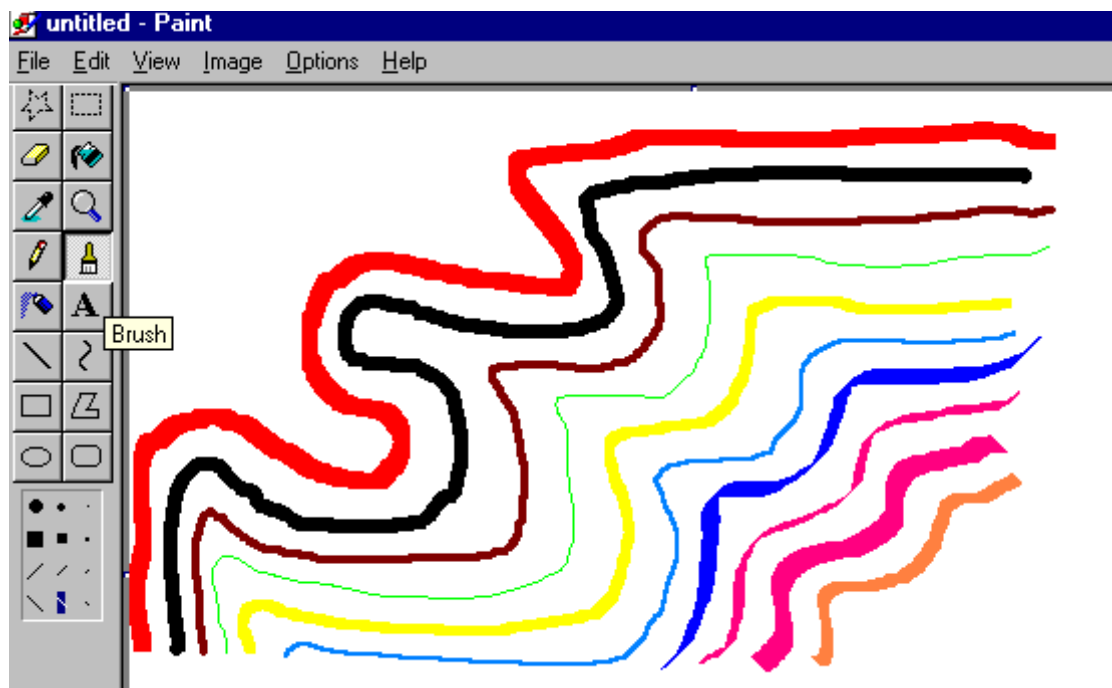
- **Practice With Drawing Straight Lines, Advanced 2,**

Named “*advancedpractice2.bmp*”

2. Drawing with thicker lines, using *Brush*

In the first session we used *Pencil* to draw free-hand lines. The line thickness with *Pencil* always stays sharp and narrow. With *Brush* you can change the thickness and shape of the line.

- Click on the *Brush* button on the too bar.
- Choose a line shape from the choices in the box below the tool bar.
- Draw your lines as you did last time with the *Pencil*.

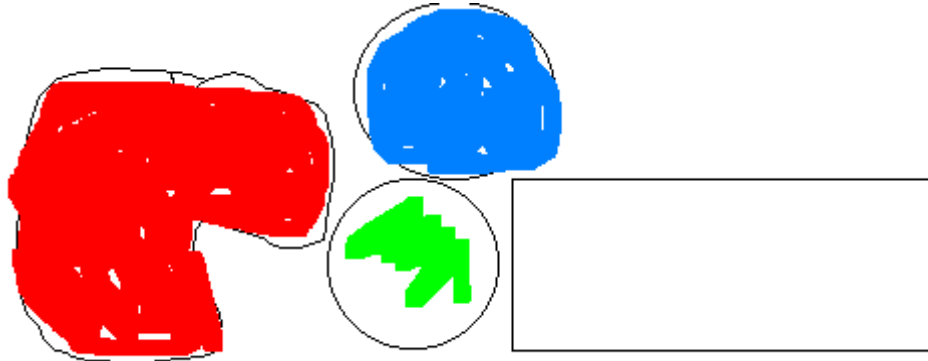


Challenge 2: Draw a squiggly line across the page. Then choose another line shape and another colour then draw the next line along side the first. Do this as many times as you can. See how many different shape and colour lines you can draw.

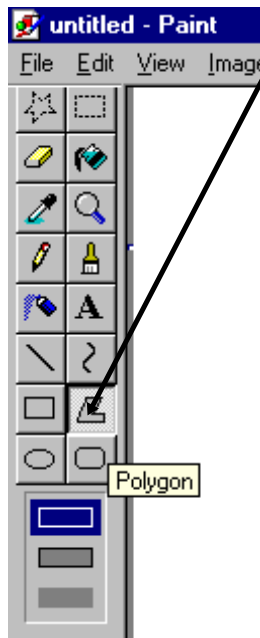
You can also use *Brush* to colour things free-hand. It is not as accurate as using *Fill With Colour*, but can sometimes be useful.

Challenge 3: Draw a selection of shapes (free-hand shapes using *Pencil*, squares using *Rectangle*, and circles using *Ellipse*. Choose the best size line for the shape –

- big shapes need a big brush
- small, detailed shapes need a small brush.



Draw a ‘many sided shape’, including triangles



To draw your own shape that has lots of straight sides:

- Click on the *Polygon* button on the tool bar.
- Draw the first edge of your shape by dragging the pointer on the page.
- Release the mouse button and then press it again, dragging it to where you want the next side of your shape to go.
- Keep repeating these steps until you want to join the last side to the first.
- **Double Click** the mouse button and the lines will join up into a complete shape.
- *Have a go. Experiment!*

Challenge 4: How many shapes can you fit on the screen? Start off with a 3 sided shape, then a 4 sided shape, then a 5 sided shape, and so on, until you have no room left. Try not to overlap any of your shapes! (If you have time, colour them in using *Fill With Colour*)

Challenge 5: Shape with the most sides. See if you can draw a shape with more sides than anyone else in the group. The only rule is that no lines can cross.

Extension Activity:

If you have time use the skills that you have learnt so far to draw a picture, perhaps a scene with a building in it, or perhaps a special lunar vehicle.

Created by David Sheppard

Contributed to Teaching Ideas for Primary Teachers – <http://www.teachingideas.co.uk>