



Intermediate Graphics

in Serif DrawPlus X5

Knife

By the end of this task I should know how to...

- 1) cut a shape up using the knife tool
- 2) make shapes appear to be inside another shape
- 3) smash an object into small pieces.

Cutting up Shapes

The knife tool can be used to create some interesting effects by cutting shapes up into sections.



Step 1 Open a new A4, portrait drawing.

Step 2 Draw a heart shape.

Change the fill colour to red, the line colour to black and the line thickness to 2.

Step 3 Use the pointer to select the tool. (This must be done before you can cut the shape.)

The knife tool can be found under the Freeform Paint tool.



Click on the small down arrow and select



Use the knife tool to draw a jagged from above the heart, down through the middle and finally out of the bottom.



Step 4 To move the shapes apart, use the pointer to click on some white space next to the shape and then click back onto one half of the shape.

Rotate the shape slightly and move it into position.

Try - Use the knife tool to cut up shapes and text into several pieces. Experiment with rotating, positioning and colouring the cut pieces.

More Effects with the Knife Tool

Step 1

Once a shape has been cut, the *Arrange* tab can be used to make one shape appear to come out through another shapes.

Draw a large arrow on top of the cut heart.

You will have to adjust the arrow nodes and rotate it as shown in the diagram.



Step 2

Use the pointer to select the right-hand half of the heart.



Use the *Arrange* tab to move the heart section to the front.

The arrow now appears to come through the shape.



Try - Use the gallery animals with the technique you have just learned. An example is shown below.



The grass was created using the wave shape which was coloured with an effect and then cut in half. The bottom half of the wave was deleted leaving the grass shape.

Smashing an Object

Try - A smashed effect can be created by breaking a shape into smaller and smaller pieces. Try one for yourself.

