

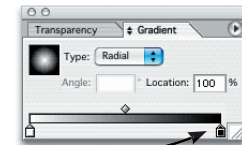


This exercise will help you to understand some of the basic tools in Illustrator. By the end of these steps you will have created Saturn from scratch.

- 1) Open **Illustrator** and create an Artboard around 250 x 250mm. This should be sufficient for this illustration. Make sure that you can see the **Tool Box**, **Gradient**, **Align** and **Colour** palettes checked in the **Window Menu**.

- 2) Select the **Square** from the **Tool box** and if you click and hold you should be able to select a **Circle** (ellipse). Now draw a large circle holding the **Shift** key down to keep the circle pro rata.

- 3) In the **Gradient Palette** change the type to **Radial**. To change the colour from black, click on the square on the right hand side. Then simply select a colour in the colour palette.



- 4) To create a better globe you will now create a smaller circle and place this in the bottom half of the big circle. Select both circles (holding the shift key down) and then go to **Object**, scroll down to **Clipping Mask** and select **Make**. This will merge the two together giving a more realistic globe effect.

- 5) Now to make the ring. Select the **Ellipse Tool** and draw an ellipse on top of the globe. At the bottom of tool box turn the colour to **None**.



- 6) Now **Copy** and **Paste** the ellipse and resize to inside the first ellipse. You could use **Align** to line up the first ellipse with the second.

- 7) Select both circles (holding down **shift**) then locate **Pathfinder** and select this: **(subtract shape)** in **Shape Finder**, then click the **Expand button**. Now fill the ellipse with a colour.



- 8) Now you must cut the back part of the ellipse with the **Knife** tool (behind the **Scissors** in the **Tool Box**). Zoom in and cut a line on either side then select that cut area. Go to **Object**, **Arrange** and **Send to Back**.

NB - Now try to think what other things you could create using these techniques.

