#### 1 - Download Images



Log on to the VLE (Course 9.9) and download the two image files

| 2 - New Flash Document |                               |
|------------------------|-------------------------------|
|                        | Create New                    |
|                        | Flash File (ActionScript 3.0) |
|                        | Flash File (ActionScript 2.0) |
|                        | Flash File (Adobe AIR)        |
|                        | Flash File (Mobile)           |

Open Flash and create a new Flash File (ActionScript 2.0)

| 3 - Import TI | he Road          |               |                       |  |
|---------------|------------------|---------------|-----------------------|--|
|               |                  |               |                       |  |
|               | Import           | •             | Import to Stage       |  |
|               | Export           | •             | Import to Library     |  |
|               | Publish Settings | 飞 <b>①F12</b> | Open External Library |  |

Click File >> Import >> Import to Stage... and import the Road image

| Edit              |  |
|-------------------|--|
| Swap Bitmap       |  |
| Convert to Symbol |  |
| Timeline Effects  |  |

Right click on the picture and "Convert to Symbol...:"

Give the picture a sensible name (e.g. Backdrop) and make sure ou choose Graphic as the object type.

#### 5 - LOOK at the co-ordinates

| ♦ Properties × Filters Param        | eters                           |
|-------------------------------------|---------------------------------|
| Graphic                             | Instance of: Backdrop Swap Loop |
| W: 1100.0 X: 0.0<br>H: 400.0 Y: 0.4 |                                 |

Click on the picture and you will see 4 numbers at the bottom left: **W**idth, **H**eight, **X** position (-1000 is left, 1000 is right) and **Y** position (-1000 is down, 1000 is up).

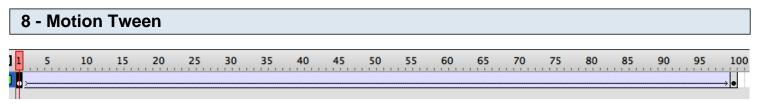
Make sure that both **X** and **Y** are set to 0. this means the picture will start at the top left of the stage.

# 6 - Add a Keyframe

In the timeline, click into Frame 100 and press **F6** to create a keyframe.

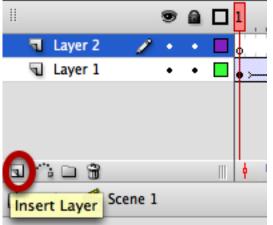
### 7 - Move the backdrop Properties × Filters Parameters Graphic Instance of: Backdrop Swap... Loop W: 1100.(X: -1100 H: 400.0 Y: 0.0

We want the picture to move to the left, so **making sure you are in Frame 100**, click on the picture and change the **X** value to **-1100** (the same as the picture width).

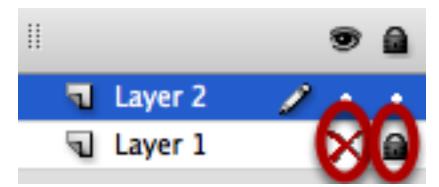


Go back to Frame 1 and add a Motion Tween. Press the Return key to check it works.

## 9 - A New Layer



The picture slides off the end of the stage, leaving a big, white, empty section. To fix it, we need to add a new layer.



To stop you accidentally damaging the work you have done, click on the dots to hide and lock layer 1.

#### 11 - The Library

|     |          | _ |
|-----|----------|---|
| Nar | ne       |   |
| 1   | Backdrop |   |
| 2   | road.jpg |   |

On the right hand side of the screen is the **Library**. Any pictures you have used live here in case you need to use them again. Make sure you can see the **Backdrop** symbol (or whatever you called it). Note the special icon to represent a graphical symbol.

#### 12 - Drag In The Backdrop

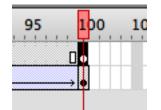


Make sure you are working in Layer 2 and in Frame 1. Then drag the **Backdrop** symbol onto the stage.

#### 13 - Position The Backdrop

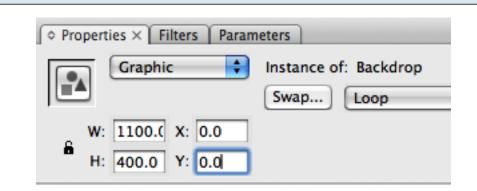
| Gr     | aphic 🛟        | Instance of | Backdrop |
|--------|----------------|-------------|----------|
|        |                | Swap        | Loop     |
|        | 00.C X: 1100.C |             |          |
| H: 400 | 0.0 Y: 0.0     |             |          |

Click on the picture and move it to X: 1100, Y: 0 so that it will start right next to the original.



Click into Frame 100 in Layer 2 (make sure you click **in** layer 2 - think of a spreadsheet) and press **F6** to add a key frame.

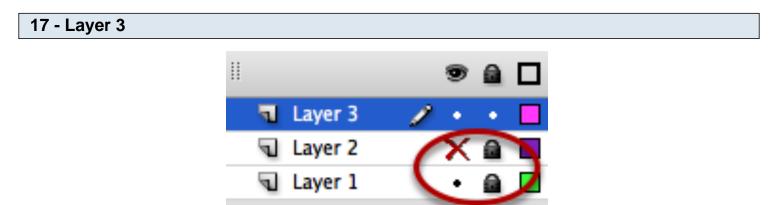
| 15 - I | Position |
|--------|----------|
|--------|----------|



Click on the picture and set the positions to **X**: **0**, **Y**: **0**. (NB: You may have to scroll right a little to find the picture. Make sure you scroll back when you're done.)

| 16 - Tw | een |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |            |   |
|---------|-----|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------------|---|
|         |     |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |            |   |
| ۵ ۵     | 1 5 | 10 | 15 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100        |   |
| 1 • • 🗖 | o > |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | → ●        | Π |
| •• 🗖    | • > |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | <b>→ ●</b> |   |
|         |     |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |            |   |

Again, go back to Frame 1 and set a Motion Tween. Press Apple-Return (CTRL-Return on a PC) to check that the animation now loops cleanly.



Add another new layer.

Lock layers 1 and 2 and hide layer 2 - this means that we can't break the backdrop animation and we

can only see the first one.

| 8 - Add A Car | •                                   |       |                                       |
|---------------|-------------------------------------|-------|---------------------------------------|
|               | mport                               |       | Import to Stage                       |
|               | Export                              | •     | Import to Library                     |
|               | Publish Settings<br>Publish Preview | ℃①F12 | Open External Library<br>Import Video |

Making sure you are working in Frame 1 of Layer 3, import the car to the stage.

#### **19 - Convert To Symbol**

| Edit              |   |
|-------------------|---|
| Swap Bitmap       |   |
| Convert to Symbol |   |
|                   |   |
| Timeline Effects  | • |

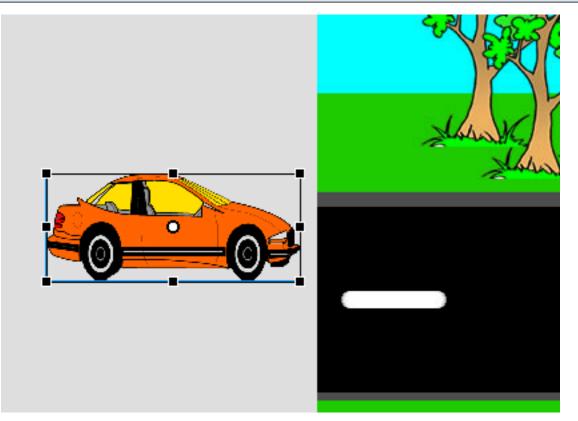
As always - as soon as you have imported a picture, convert to a Symbol.

Remember to use a sensible name (e.g. 'Car') and a Graphic symbol.

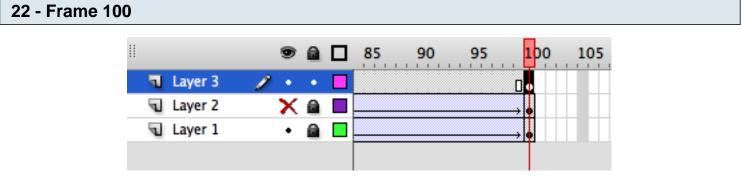




Use the **Free Transform Tool** to resize the car - remembering to hold the *shift* key so you can't squash or stretch the image.

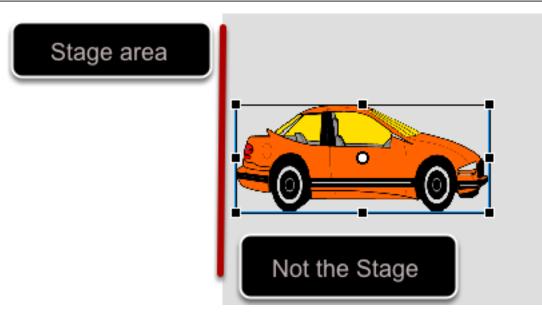


Move the car so it is just off the side of the stage.



Making sure you are working in Layer 3, select Frame 100 in the timeline. MAKE SURE YOU ARE WORKING IN LAYER 3.

#### 23 - Move The Car Again



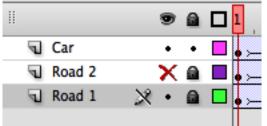
Move the car to the right of the stage, trying to keep it at about the same height.

| 24 - Another Tween |         |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |
|--------------------|---------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|
| II                 | 9 🔒 🗖 1 | . 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 |
| 🕤 Layer 3          | 1 • • 🗖 | ,   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | →●  |     |
| Layer 2            | X 🖬 🔳   | ·   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | → • |     |
| Layer 1            | • 🖻 🗖   | •   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | → • |     |
|                    | Ī       |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |

Once again, go back to Frame 1 and set a motion tween.

Now, press Apple-Return (Control-Return on a PC) to see your animation





IT is a **VERY GOOD HABIT** to name your layers carefully. When you get up to 15 or 20 layers it helps to give them sensible names. Double click the name to change it.