DRAWING - APPLE

Level: Basic
Approx. Teaching time: 1.5 hours
Target: Primary 1 or above
Notes to Users

- Marcomedia FreeHand is required for this tutorial. It is highly recommended to install Macromedia FreeHand v9.0 to execute the drawing project.

- In order to have a better understanding of the instructions mentioned in this tutorial, it is highly recommended for the users to learn the basic functions of FreeHand from the following resources before executing the drawing project.

  FreeHand Smart Guide - must read!
  < http://beyondcert.hkedcity.net/training/fh9/index.htm >
  - It is an on-line guide developed by BeyondCert.com. It contains tutorials and tips that help you quickly learn how to use FreeHand.

  FreeHand Help
  - located at the Main Menu bar of the FreeHand application

  EduMMUG (Macromedia Educational User Group) Website
  < http://www.edummug.org >
  - It contains product information, course recommendation and useful links

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Acknowledgments

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Project managed by Ms. Elaine Xavier

Produced by Elaine Xavier (HK) Limited
Tips for using the tutorial

Working with panels

Choosing a menu item in the Window menu shows or hides the panel. Frequently, you are instructed to open panels. However, if you already have a panel open, and you choose its command from the Window menu, the panel will close. If this happens, repeat the command to reopen the panel.

Undo

If you make a mistake while working through the tutorial, choose Edit > Undo (Ctrl + Z) as many times as necessary, and try again.

Level of Difficulty

Actually the tutorials of the Basic Level are written in greater details and are easier to learn. It is highly recommended for the beginners to start with the tutorials of Painting and Drawing.

Platform

The instructions and the screen captures of the tutorials are developed based on the Windows version. For Macintosh users, please note that the <Ctrl> key and <Alt> key mentioned in the tutorials stand for the <Command> key and <Option> key respectively.

Skill, Creativity and Imagination are most important

The artwork of this tutorial is for reference only. Users are encouraged to develop their own artworks according to their skill, creativity and imagination.
**BASIC**

Instruction:

- How to draw apple?

- From the Toolbox, choose the *Ellipse* tool
- Hold down the *Shift* key
- Place the cursor in a blank area, and drag outwards to draw a circle, like this:

- From the Toolbox, choose the *Pointer* tool
- Click on the circle you just drawn to select it
- Open the *Stroke Inspector* from the Main Menu
- Set the Stroke Colour as Black, and Width as 2pt, like this:
**BASIC**

<table>
<thead>
<tr>
<th>Instruction</th>
<th>Tools/Command</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Make sure the circle is being selected</td>
<td></td>
</tr>
<tr>
<td>- From the Main Menu, choose <strong>Edit &gt; Clone</strong> (Ctrl + Shift + C). Another circle is thus duplicated and is placed at the same location above the original circle</td>
<td><strong>Edit &gt; Clone</strong></td>
</tr>
<tr>
<td>- Use the <strong>&lt;Pointer&gt;</strong> tool to select the circle</td>
<td></td>
</tr>
<tr>
<td>- Hold down the <strong>&lt;Shift&gt;</strong> key</td>
<td><strong>+ Shift</strong></td>
</tr>
<tr>
<td>- Drag the circle to the right horizontally</td>
<td></td>
</tr>
<tr>
<td>- Make sure the circle on the right is being selected</td>
<td></td>
</tr>
<tr>
<td>- Hold down the <strong>&lt;Shift&gt;</strong> key</td>
<td><strong>+ Shift</strong></td>
</tr>
<tr>
<td>- Use the <strong>&lt;Pointer&gt;</strong> tool to select the circle on the left</td>
<td></td>
</tr>
<tr>
<td>- You should now selected two circles, like this:</td>
<td></td>
</tr>
<tr>
<td>- Open the <strong>&lt;Xtra Operations&gt;</strong> Toolbar from the Main Menu</td>
<td><strong>Window &gt; Toolbars &gt; Xtra Operations</strong></td>
</tr>
<tr>
<td>- Choose the <strong>&lt;Union&gt;</strong> tool</td>
<td></td>
</tr>
<tr>
<td>- The result should be like this:</td>
<td></td>
</tr>
</tbody>
</table>
- From the Toolbox, choose the `<Ellipse>` tool
- Place the cursor in a blank area, and drag outwards to draw an oval, like this:

- Open the **Color List Panel**

- Use the `<Pointer>` tool to select the oval
- Drag the **Black** color chip to the Fill selector of the Color List Panel, like this:

- The oval is filled in black, like this:
**BASIC**

**Instruction:**

- Drag the **None** chip to the **Stroke selector**, like this:

[Image of the Instruction]

- Make sure the oval is being selected

- Use the **<Arrow>** tool to drag the oval to the place as shown below:

[Image of the Oval being moved]

- Choose the **<Scale>** tool from the Toolbox

- Click at the center part of the oval

- Hold down the **<Shift>** key

- Drag the cursor to the direction as shown below to adjust the size of the oval proportionally
**BASIC**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>- The result should be like this:</td>
<td></td>
</tr>
<tr>
<td>![Image of an apple drawn with a hole]</td>
<td></td>
</tr>
<tr>
<td>- Hold down the <code>&lt;Shift&gt;</code> key</td>
<td>+ Shift ![Image of a pointer tool]</td>
</tr>
<tr>
<td>- Use the <code>&lt;Pointer&gt;</code> tool to select all the elements you have drawn, like this:</td>
<td></td>
</tr>
<tr>
<td>![Image of an apple with selected elements]</td>
<td></td>
</tr>
<tr>
<td>- Choose the <code>&lt;Scale&gt;</code> tool from the Toolbox</td>
<td></td>
</tr>
<tr>
<td>- Place the cursor at the right hand side of the image, and drag towards the left</td>
<td></td>
</tr>
<tr>
<td>![Image of an apple with resized elements]</td>
<td></td>
</tr>
<tr>
<td>- The result should be like this:</td>
<td></td>
</tr>
</tbody>
</table>
**BASIC**

<table>
<thead>
<tr>
<th>Instruction:</th>
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<tbody>
<tr>
<td>- From the Toolbox, choose the <code>&lt;Rectangle&gt;</code> tool</td>
<td><img src="image" alt="Rectangle Tool" /></td>
</tr>
<tr>
<td>- Place the cursor in a blank area, and drag outwards to draw a rectangle, like this:</td>
<td><img src="image" alt="Rectangle Drawing" /></td>
</tr>
<tr>
<td>- Choose the <code>&lt;Scale&gt;</code> tool from the Toolbox</td>
<td><img src="image" alt="Scale Tool" /> + Shift</td>
</tr>
<tr>
<td>- Click on the rectangle</td>
<td></td>
</tr>
<tr>
<td>- Hold down the <code>&lt;Shift&gt;</code> key</td>
<td></td>
</tr>
<tr>
<td>- Drag the cursor to the direction as shown below to adjust the size of the rectangle proportionally</td>
<td><img src="image" alt="Scale Adjustment" /></td>
</tr>
<tr>
<td>- From the Stroke Inspector, adjust the stroke width as 2 pt</td>
<td><img src="image" alt="Stroke Inspector" /></td>
</tr>
</tbody>
</table>
**BASIC**

**Instruction:**

- Use the `<Pointer>` tool to drag the rectangle to the place as shown below:

- From the Toolbox, choose the `<Ellipse>` tool

- Place the cursor in a blank area, and drag outwards to draw an oval, like this:

- Make sure the oval is being selected

- Choose **Modify > Ungroup** (Ctrl +U)

- From the Toolbox, choose the `<Pointer>` tool

- Click on the point as shown below:
BASIC

Instruction:

- Open the **Object Inspector** from the Main Menu
- Click the buttons as shown below to retract the point handles
- Adjust the size by using the **Scale** tool from the Toolbox
- Set the width as **2 pt** from the **Stroke Inspector**
- From the Toolbox, choose the **Rotate** tool
- Hold down the **Shift** key
**BASIC**

**Instruction:**

- Place the cursor at the point marked below and rotate 45 degree clockwise

- Use the `<Pointer>` tool to drag the leaf to the place as shown below:

- Open the `<Color Mixer>` from the Main Menu

- Choose the **CMYK view** from the Color Mixer
Instruction:

- Move the scroll bar to adjust the color value as 0c 100m 100y 0k
- Click the <Add to Color List> button from the Color Mixer Panel
- select Process and click the <Add> Button
- Move the scroll bar to adjust the color value as 100c 0m 100y 0k
- Click the <Add to Color List> button from the Color Mixer Panel
- select Process and click the <Add> Button

Color value = 0c 100m 100y 0k

Color value = 100c 0m 100y 0k
**BASIC**

**Instruction:**

- Type in the text box to set the color value as \textcolor[RGB]{40}{40c} \textcolor[RGB]{80}{80m} \textcolor[RGB]{100}{100y} \textcolor[RGB]{0}{0k}

- Click the \textless\ Add to Color List\textgreater button from the Color Mixer Panel

- select Process and click the \textless Add\textgreater Button

- Open the \textless Color List\textgreater Panel from the Main Menu

- The Color List should display the following colors:
<table>
<thead>
<tr>
<th>Instruction:</th>
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</tr>
</thead>
<tbody>
<tr>
<td>- Use the <code>&lt;Pointer&gt;</code> tool to click on the apple body to select it.</td>
<td><img src="image" alt="Pointer tool" /></td>
</tr>
<tr>
<td>- Drag the Red color chip to the Fill selector of the Color List Panel, like this:</td>
<td><img src="image" alt="Color List Panel" /></td>
</tr>
<tr>
<td>- The apple is thus filled in red:</td>
<td><img src="image" alt="Red apple" /></td>
</tr>
</tbody>
</table>
Instruction:

- Select other parts of the apple and fill in different colors
- Use the <Ellipse> Tool from the Toolbox to draw three circles on the apple, like this:

- Hold down the <Shift> key and use the <Pointer> tool to select all the three circles
- From the Color List, drag the White color chip to the Fill Selector and drag the None chip to the Stroke Selector, like this:

- Congratulations! The beautiful apple drawing is finished!

- The End