

## CONTENTS

<b>Chapter 1 ■ Introduction to Flash</b>	<b>1</b>
Flash Files and Flash Player .....	2
Introducing the Flash Workspace .....	3
The Panels .....	8
Component Inspector Panel .....	15
<b>Chapter 2 ■ Flash Concepts</b>	<b>19</b>
Creating a New Flash Document .....	20
Movie Properties .....	21
Architecture of a Flash Document .....	23
Scenes in Flash .....	24
Layers in Flash .....	26
Concept of Frames .....	30
Saving a Flash Document .....	34
Testing a Flash Movie .....	34
Publishing a Flash Movie .....	35
<b>Chapter 3 ■ Working with Graphics</b>	<b>37</b>
Understanding Vector and Bitmap Graphics .....	38
Drawing Models in Flash .....	38
Selecting Objects in Flash .....	39
Creating Graphics in Flash .....	42
Fills and Outlines .....	51
<b>Chapter 4 ■ Working with Colors in Flash</b>	<b>59</b>
The Color Palette .....	60
Using the Color Swatches Panel .....	60
Using the Color Mixer Panel .....	62
Applying a Locked Gradient as a Fill .....	66
<b>Chapter 5 ■ Transforming and Aligning Graphics</b>	<b>67</b>
Grouping the Objects .....	68
Understanding the Stacking Order of Objects .....	69
Breaking Apart Groups and Objects .....	70
Transforming the Objects .....	71
Aligning the Objects .....	79
<b>Chapter 6 ■ Working with Text</b>	<b>85</b>
Understanding the Font Display .....	90
Modifying the Text Attributes .....	91
Using the Check Spelling Feature .....	96
Transforming Text .....	98

**Chapter 7 ■ Symbols and Library 99**

Creating Symbols ..... 101  
Creating a Button ..... 104  
Editing Symbols ..... 107  
Modifying the Instance of a Symbol ..... 110  
Using the Library ..... 112  
Using the Common Libraries ..... 115  
Opening the Library of Other Flash Documents ..... 116  
Creating Custom Libraries ..... 117

**Chapter 8 ■ All About Animation 121**

Working with Timeline Effects ..... 122  
Using the Explode Timeline Effect ..... 132  
Using the Frame-by-Frame Animation Technique ..... 133

**Chapter 9 ■ All About Tweening 139**

Using Motion Tweening to Create Animations ..... 140  
Using Shape Tweening to Create Animations ..... 152  
Using the Onion Skin Feature ..... 161  
Creating an Animation using Motion Tweening and Shape Tweening ..... 162  
Creating Masking Effects ..... 165  
Animating Filters ..... 171  
Applying the Bevel Filter ..... 172  
Applying the Glow Filter ..... 173  
Animating the Filter using the Motion Tween ..... 174

**Chapter 10 ■ Adding Interactivity to Flash Movies 177**

Using the Behaviors ..... 178  
Creating a Movie Clip ..... 180  
Adding a Behavior ..... 183  
Introducing ActionScript ..... 185  
Introducing Programming Concepts in ActionScript ..... 188  
Introducing Object Oriented Features in ActionScript ..... 204  
Working with the MovieClip Class ..... 206  
Working with the Date Class ..... 212  
Working with Timeline Control Actions ..... 215  
Controlling Movie Clips with Actions ..... 220  
The GetURL Action ..... 231  
Using fsCommand() Action with Stand Alone movies ..... 232