Table of Contents

Hello! The Preface **8**Drawing is Like Speaking **14**

Seeing and Unders-

tanding: The Foundations of Representation Through Drawing 18 On a Research Trip: Seeing and Understanding 20 The Workspace 26 Paper and Format 28 Tools to Get Started 32 Lines and Strokes 36 The Tricks 43 #1 The Shape as a Whole 44 #2 All the Things that Aren't in Shape: Negative Shape 48 #3 Playing Dumb: Designations 52 #4 Aid Lines 56 #5 Direction and Angle 62 #6 Symmetry 64 #7 Transparency 66 From the Line to the Surface 69 Shaping Lines 70 Gray Spaces 74 Details and Structure 75 Absolute Shade 76

Get Rid of It! The Wastebasket 80

Phenomena of Visual Perception 86

Traces: Faces Everywhere 88 Child's Play: The Baby Schema 90 Always the Same: Patterns 92 First Stop: Center of the Image 96 Eye-Catchers: Conciseness 100 The Spitting Image: Similarity 105 Peer Pressure: Proximity 106 Members Only: Closure: 112 Superglue: The Good Figure 118 It's All About Relationships: Context/Environment 120 In the Twinkling of an Eye:

Design 128

Optical Illusions 124

Speaking of Proportions 130 Both Feet on the Ground: Figure and Ground 134 Either or Both: Picture Puzzles 138 Say No!: Negative Spaces 141 Parting Ways: Separating Figure and Ground 146 In Opposition: Contrasts 148 High Voltage: Symmetry and Tension 154 Surface³: Surface as Space 158 As It Stands: Location and Meaning 160 The Cut: Space 162 The Cut: Time 163 Frame of Mind: The Cutout 165 Great Cinema: Field Size 166 Breaking Taboos: Overlaps 168 Right on Track: Direction and

Dynamics 171

Everything that Makes a Picture Exciting: Staging Pictures 176

Less is More: Abstractions 178 A Simple Matter: Simplification and Simplicity 188 **Getting in Position:** Perspective 190 Doing Headstands: Viewing-Angle 198 Me, Myself, and I: Subjective Point of View 202 Real Drama 204 Zooming In: Focus 208 Spot on: Light and Shadow 210 All the Pretty Colors: Theory of Color 218 Painting is Drawing 222 The Entire Palette: Material and Paint 225 The Tools 241

CREATE

Pictures! 248

Everything in Flow 251
Drawing in Style: The Style 256
A Sketch is a Drawing ... and
Turns into a Picture 260
Speaking Through the Pen 262
Sketching Out 270
Warming Up 278
Sticking with It 280
Now for Real: Sketches 282
Express to Impress 284
The Book of Books 290
Quick and Dirty 298
Turn a Blind Eye: Drawing
Blindly 302
Source of Inspiration 308



From the Head Through the Hand Onto the Paper: The Process 312

Searching and Finding: Finding Ideas 318 Now's the Time 322 Giving it a Chance: Searching and Trying 324 Do it Again, Better, Differently 328 **Happy Accidents:** Experimenting 334 WOW! Evaluating and Deciding 346 Frame of Mind: Frames 350 Everything Will Be Okay: Making Corrections 356 Again and Again: Copying 364 Scaling 369 Inverting 373 Making Collages 374 Pictures on the Computer: Digital Image Processing 396 Pixels 398

File Formats 398

The Toolbar 400

Multiplying 406

Inverting 407

Directing 408

Gray on Gray 410
The Second Look 416

Right and Wrong 420

Keyboard Shortcuts 402

Negative Multiplication 406

The Magic Wand 404

Color **399**

Layers 399

Finding Figures 424

Nature and Character 426

Archetypes and Stereotypes 429

Take It Easy: Simplification and
Abstraction 434

Cutting a Good Figure: Size and
Silhouette 442

Body Language 446

The Gesture 452

The Jumping Jack Principle 454

Animation 457

The Hand 458

The Face 460

Facial Expressions 468

Pictures, Pictures, Bold Pictures 478

External Features 471

The Name 474

What Exactly is an
Illustration? 480
The Illustrator 486
Illustration as a Profession 489
From Passion to Pennies 491
Is Illustration Art? 493
What Exactly is a Picture? 500
Visual Perception 508
Pictures are Connotative 512
The Context 514
Picture & Text, Text & Picture:
Text/Picture Relationship 516
Redundancies 522

(Poetic) Pictorial Narration 526

Scope for Interpretation 528 Associations 532 A Little Bit of Semiotics 534 Signs 536 Symbols 537 Pictograms 540 Allegories 542 Linguistic Pictures 542 Picture Pairs 544 The Reading Direction 550 Sequential Pictures 556 The (Classic) Comic 564 Pictorial Stories 566 Pictures without Words 572 The Arc of Suspense 578 The Design Grid 580 Page Separation 584

Time in a Picture 588

Moments of Movement 594
Change & Deformation 597
Signs & Symbols 598
Concomitance 602
Entering and Exiting 604
Movement Space 605
The Space in Between 608
Comparisons 609
Movement Phases 610
Simultaneousness 614

Appendix 620
Citations 622
Literature Sources 628
Image Sources 631
Thank you 634
Imprint 635