

Contents

3 Chapter 1

Introduction to Sculpture

- 4 **Becoming a Sculptor**
- 5 **Origins of Sculpture**
- 6 **Art History:** The Olmec: Ancient Sculptors of Mesoamerica
- 11 **Sculpture Fundamentals**
- 12 **Elements of Design: The Meaningful Use of Space**
- 14 **Principles of Design**
- 18 **Sculpture Concepts**
- 19 **Getting Started**
- 22 **Studio:** Abstract Nature Objects
- 24 **Career Profile:** Sheryl McRoberts
- 25 Chapter Review



(p. v bottom) Ken Little, *Burn*. Mixed media, 72" x 30" x 48".

(p. v top) Sianneth Sanchez applies clay slip to one of her sculptures. South Mecklenburg High School, Charlotte, North Carolina. Instructor: Ellen Estes.

(p. vi middle) Juan Vera, *My Other Self*, 1999. Plaster, 18" x 18" x 18" (45.7 x 45.7 x 45.7 cm). Corrigan Camden High School, Corrigan, Texas. Instructor: Jann Jeffrey.

(p. vi bottom) Patricia Renick, *Stegowagenvolkssaurus*, 1974. Fiberglass and re-furbished Volkswagen, 12' x 7' x 20'. Photograph: Laura H. Chapman.



27 Chapter 2

Modeling

- 28 **Models and Modeling**
- 29 Creating a Model
- 31 **Art History:** Henry Moore
- 32 Oil-Based Clays
- 33 Water-Based Clays
- 34 **Preparing Clay**
- 35 **Elements of Design:** Line
- 36 **Sculpting with Clay**
- 37 **Principles of Design:** Proportion and Scale
- 40 How to Join Two Pieces of Clay
- 41 Finishing: Glazing and Firing
- 44 **People as Subject Matter**
- 44 Portrait Busts
- 46 The Human Figure
- 46 How to Create a Portrait Bust
- 48 **Sculpting Animals**
- 49 How to Model an Elephant
- 50 **Studio:** An Expressive Self-Portrait Bust
- 52 **Career Profile:** Maria Alquilar
- 53 Chapter Review

(p. vii top) Melvin Edwards, *Gate of Ogun*, 1983. Stainless steel, 96" x 144" x 48" (243.8 x 365.7 x 121.9 cm). Collection, Neuberger Museum of Art, Purchase College, State University of New York, Museum Purchase with Funds from Vera List and the Roy R. and Marie S. Neuberger Foundation. Photograph: Jim Frank.

(p. vii bottom) Suzanne Cagle, *Untitled*, 2002. Bedpost assemblage, 4' x 6' (1.2 x 1.8 m). Sequoyah High School, Canton, Georgia. Instructor: Kim Gratton.

55 Chapter 3

Molding

56 Molds

- 56 Hard Molds
- 57 Flexible Molds
- 58 Plaster
- 59 How to Mix Plaster

61 Mold Design

- 61 **Elements of Design:** Value
- 63 Hard Piece Molds
- 64 Flexible Molds
- 67 Press Mold
- 67 **Principles of Design:** Balance

68 Life Molding

- 70 How to Use Surgical Gauze for Life Molding
- 72 Body Molding
- 73 **Art History:** George Segal
- 76 **Studio:** Rodin's Hands
- 78 **Career Profile:** Carole Feuerman
- 79 Chapter Review



81 Chapter 4

Casting

- 82 **Principles of Design:** Unity/Variety
- 83 **Casting Cements and Plasters**
- 85 **Plaster Casting**
- 87 How to Slush Cast Plaster
- 88 How to Slush Cast Clay
- 89 Laid-Up Molds
- 90 How to Patina Plaster
- 92 **Art History:** Bronze Casting
- 94 **Cement**
- 97 **Elements of Design:** Space
- 98 **Studio:** Plaster Relief Casting
- 100 **Career Profile:** André Harvey
- 101 Chapter Review

103 Chapter 5

Carving

104 The Art of Carving

- 105 **Elements of Design:** Shape and Form
- 107 Carving Plaster
- 109 Carving Stone
- 111 **Art History:** Michelangelo
- 112 How to Carve Marble
- 113 **Elements of Design:** Texture
- 113 Carving Wood
- 115 How to Carve Wood
- 116 **Studio:** Steatite Carving
- 118 **Career Profile:** Enzo Torcoletti
- 119 Chapter Review

121 Chapter 6

Construction and Assemblage

122 New Materials, New Processes

- 123 **Elements of Design:** Color

124 Heavy Construction

- 125 **Art History:** Origins of Construction and Assemblage
- 126 Wood
- 128 Metal
- 129 Wire
- 130 How to Rivet Metal
- 135 How to Hard Solder

136 Light Construction

- 137 Paper
- 139 Papier-Mâché
- 142 **Principles of Design:** Pattern

142 Assemblage

- 144 **Studio:** Create an Assemblage
- 146 **Career Profile:** Blaine Kern
- 147 Chapter Review





149 Chapter 7 Installation and Collaboration

150 Installation Art

- 152 Installation Examples
- 154 **Principles of Design:** Movement and Rhythm
- 156 A Student Installation
- 157 **Art History:** *The Dinner Party*: A Collaborative Installation Project
- 158 **Principles of Design:** Emphasis

159 Sculpture Collaboration

- 159 St. Stephen's and St. Agnes School: *Archway*
- 162 Tuscola High School: *Expanding Horizons*
- 164 **Studio:** Speak Out: A Post-it Installation
- 166 **Career Profile:** Jesús Moroles
- 167 Chapter Review

169 Chapter 8

Portfolio, Exhibition, Education, Career

170 Preparing a Slide Portfolio

- 171 Taking Photographs and Slides
- 171 How to Prepare a Portfolio for Academic Admission
- 178 Documenting and Labeling Slides

178 Preparing for Exhibition

- 178 Display
- 179 Selecting an Exhibit Location
- 181 The Actual Display

182 Educational Preparation

- 183 **Art History:** The Armory Show
- 185 Written Résumé
- 185 Using the Internet

186 Career

- 186 Sculpture Studio
- 187 Sculpture as a Business
- 187 **Principles of Design:** Contrast
- 188 **Studio:** Preparing a Group Exhibition
- 190 **Career Profile:** David Finn
- 191 Chapter Review

192 Sculpture Timeline

199 Appendix

204 Bibliography

206 Glossary

210 Index

