

table of contents

jump!	6
creativity ~ finding your voice	10
paint ~ mixing the paint ~ traditional ~ contemporary ~ hybrid ~ reconstituting the paint	22
monoprint ~ basic monoprint ~ positive and negative monoprint ~ subtractive monoprint	42
relief print	64
resist print ~ contact paper ~ masking tape	86
screenprint ~ photographic emulsion ~ Photo EZ ~ screen filler ~ paper stencils	102
photo transfer ~ sandblaster and gel medium ~ iridized glass and gel medium ~ decal paper	142
engraving ~ diamond bits ~ wheels ~ cameo engraving	172
etching ~ sandblaster ~ mild acid	194
solarplate	210
vitreography	222
safety	230
firing schedules	233
bibliography	236
resources	237
index	238

index

Photos of artwork indicated by **bold** page numbers.

- A-14, 25
3M, 199, 231
abrasive, 27, 196
acid etching, 196, 206
Adams, Scott, 11
Adobe Photoshop, 107, 145, 147
air dry, 41
aluminum oxide, 27, 196
Alvarado, Maricel, **16, 67, 170**
Anderson, Avery, **105, 140, 141**
Armour Etch, 196, 200, 206
 using in large areas, 209
batik, 87
battuto, 187
BBA photo flood, 112, 113
Biemann, Dominik, **176**
binder, 25, 29
Blackburn, Melissa, **162, 170**
Blake, William, 175
block print, see relief print
blocked (inspiration), 18
Blombos Cave, 173
brayer, 37-38
British Museum, 173
brush, paint, see paint brush
Bullseye glass, 24, 206, 208, 233
burin, 173
Buttercut, 199
cameo engraving, 191
cameo glass, 173
carving, rubber block, 71-72
Chagall, Marc, 211
Chihuly, Dale, 224
China, 65-66
clay shaper, 96
 see also sgraffito tool
- Cline, Mary Van, **10**
COE (coefficient of expansion), 24
Cohen, Leonard, 17
Colescott, Warrington, 223
contact paper, 90, 199, 207
copyright, 8
craft knife, see X-acto blade
Cranach, Lucas, 66
creativity, 11-21
da Vinci, Leonardo, 87
Davis, Miles, 6, 103
decal paper, 163-170
dichroic glass, 197
 etching, 206, 207-208
Diebenkorn, Richard, 44
Dremel, 178, 179
drying paint, 41
Drypoint, 175
duct tape, 90
Dürer, Albrecht, 66, **174, 175, 197**
ear plugs, 200-201, 232
Einstein, Albert, 20-21
emulsion, photographic
 109-110
 removing, 124-125
enamels, 23, see also paint
engraver, handheld, 178, 179
engraving bits, 178-179
engraving lathe, see lathe
engraving, 173-194
 cameo, 191
 history, 173-174
 signatures, 182-183
 using diamond bits, 177-183
 using wheels, 184-193
 yummy alternatives, 183, 187-189
erasers, 67
- etching creme, 200, 206
etching, 195-209
 history, 195-196
 mild acid, 206-209
 sandblaster, 200-205
 yummy alternatives, 205
exposure for screen print, 113
failure, 19
Ferro Corporation, 24
field trip, 13, 20-21
firing schedules, 233-235
Flack, Audrey, 6, 195
float glass, 24, 206
flooding the screen, 120
flux, 25
foam topped sponge, 39-40
food and drink and safety, 232
Foredom, 178, 179
Gandhi, Mahatma, 223
Gauguin, Paul, 223
gel medium, 150-151, 158-159
Glasgow, Susan Taylor, **14, 22**
glass palette, 27, 34
glass plate (printing), 224
glasses, safety, 232
Glenn, Richard, **24, 129**
gloves, 232
glue, 199
 as a resist, 201
graining glass, 27-28
ground (etching), 87, 195
Gutenberg, Johannes, 66
Hamilton, Andrew, 23
Harcuba, Jiří, **172, 173, 192, 193, 225**
hearing protection, 200-201, 232

heat gun, 41
 Henri, Robert, 143
 high notes, 66
 hitting the, 67, 175
 Hokusai, Katsushika, **66**
 Holbein, Hans, 66
 Holdcroft, Thomas L., 19
 HP Laserjet, 147
 hydroflouric acid, 196, 206,
 224
 image preparation, 144-145
 imperfections, 17
 see also *wabi-sabi*
 inspiration exercises, 11-12
 inspiration suggestions, 15-
 16
 intaglio, 65, 173, 175
 iridized glass, 158
 determining irid side, 158
 Jack Frost Encaustic Paste,
 206
 Johns, Jasper, 211
 journal, 14
 Klee, Paul, 44
 Koons, Jeff, 44
 lathe, 184-185, 188-189
 lathe, wheels, 186
 leaf printing, see monoprint
 Libensky, Stanislav, 224
 Lichtenstein, Roy, 103
 linoleum carving, 67
 Liquid paper, 107
 litho stone, 43
 lithography roller, 226
 Littleton Collection, 228
 Littleton, Harvey K., **222**,
 223, **224**, **225**, 226
 masking tape, 90
 matrix, 175
 matte finish, 197
 Matisse, Henri, 44, 66
 Mears, Elizabeth, **108**
 mediums, 25, see also binder
 MICR cartridge, 147
 mineral spirits, 25
 mistakes, 17
 see also *wabi-sabi*

Monge, Silvia Elena, 17, 64,
 144
 monoprint, 43-63
 basic method, 47-49
 history, 43-44
 positive and negative, 56-
 58
 subtractive, 61-63
 muller, 26, 29-30,
 music and safety, 232
 N95 respirator, 230
 Nakashima, Tom, 224
 Navaho Indians, 18
 negative space, 67
 Nolan, Lesley, **138**
 O'Rourke, Judith, 223, 227,
 229
 organics, firing, 233
 oxides, 23, 24
 P100 respirator, 230
 Page, Brenda, **104**, **115**
 paint brush, 40
 paint, 23-41
 applying, 37-40
 with brayer, 37-38
 with paint brush, 40
 with sponge, 39-40
 drying, 41
 mixing, 26-36
 contemporary method,
 31-33
 hybrid method, 34-35
 traditional method, 26-
 30
 reconstituting, 36
 palette knife, 26, 31-33, 34-
 35
 palette, 27
 paper punch, 207
 pear monoprint, 50-51
 pencil, 2B, 69
 photo flood light bulb, 112
 photo transfer, 143-171
 colorizing, 171
 decal paper, 163-170
 history, 143
 image preparation, 144-
 145
 iridized glass and gel
 medium, 158-162
 resolution, 146
 sandblaster and gel
 medium, 147-157
 text creation, 146-147
 troubleshooting, 156, 160-
 161, 168
 yummy alternatives, 156-
 157, 162, 169-170
 Photoshop, see Adobe
 Photoshop
 PhotoEZ, 130-137
 Picasso, Pablo, 44, 66
 pigment, see paint
 pine oil, 25
 play, 14
 Polaroid Image Transfers,
 143
 polymer plates, 211-212
 Pop Art, 103
 Portland Vase, 173
 printing vs. printmaking,
 6-7
 punch, paper, 207
 Q-tip, 49
 Raphael, 175
 Rauschenberg, Robert, 103,
 211
 Rawls, Greg, 232
 reconstituting paint, 36
 registration
 relief print, 73-75
 screenprint, 118-119
 rejection, 19
 relief print, 65-85
 applying paint, 74-75
 carving image, 71-72
 history, 65-67
 printing, 76-78
 registration, 73-74
 tracing image, 69-70
 yummy alternatives, 80-84
 Rembrandt, 175, 195, **196**
 resist, 196, 199, 226
 resist print, 87-101

- contact paper resist, 90-97
history, 87
masking tape resist, 98-101
resolution, 107, 146
respirator, 230-231
Reusche enamels, 23
rubber stamping pads, 67
Rubens, Peter Paul, 175
safety glasses, 232
safety, 230-232
sandblaster, 27, 200, 224
sandblasting, 149-150, 196
Schmuck, Johnathon, **19, 187**
screen, 109
screen filler, 115
removing, 124
screenprint, 103-141
base for printing, 116-117
cleaning screen, 114-115
exposing screen, 112-113
history, 103-104
photo emulsion, 106-129
PhotoEZ, 130-137
photographic, 106-137
preparing image, 107-108
printing on glass, 120-122
registration, 118-119
resolution, 107
troubleshooting, 127, 136
using emulsion, 109-111
yummy alternatives, 128, 136-137
sgraffito tool, 49, 62, 101
signatures, 182-183
silicon carbide grit, 27
silk screen, see screenprint
sketchbook, 13-14
slurry, 28
snap, 119
soda-lime glasses, 24
solarplate, 211-221
applying paint, 218
cleaning, 220
creating base, 215-216
drying, 218-219
exposing, 217
exposure unit, 216-217
history, 211-212
image, 215
printing, 219-220
washing, 218
yummy alternatives, 221
Spatzier lathe, 184
Spectrum 96 glass, 24, 206, 209, 233
Speedball Diazo Photo Emulsion, 109
spirit line, 18
sponge, see foam topped sponge
squeegee oil, 25
squeegee, 110
stabilo pencil, 221
Statom, Thermon, 224
stencil cutter, 90, 199
stencils, 52, 139, 207
StencilPro, 134
stickers, 199
subtractive monoprint, 61-63
Sunshine enamels, 24-25
Surgent, April, **12, 191**
Talbot, William Henry Fox, 176
T'ang Dynasty (China), 65
tape, 199
as a resist, 201, 209
talc, 216
text reversal, photo transfer, 146
Thompson enamels, 23
toothpick, 49
Townsend, Milon, 3
tracing paper, 47, 69-70
Tripitaka, 65
troubleshooting
photo transfer, 156, 160-161, 168
screenprint, 127, 136
Ulano, 109
Uroboros glass, 24, 233
Van Dyck, Anthony, 175
Van Vliet, Claire, 224
venting kiln, 233
Venture Tape resist, 199
vinyl sandblast resist, 199
vitreography, 223-229
history, 223-224
process, 226-227
voice, your, 19
Vonnegut, Kurt, 211
wabi-sabi, 7, 17-18, 49, 154, 159, 161, 213
Walker, Brad, 235
Walker, Jody Danner, **8, 20, 21, 25, 42, 44, 53, 60, 63, 79, 85, 86, 97, 102, 126, 128, 142, 146, 155, 157, 181, 183, 189, 190, 194, 205, 220, 228**
Warhol, Andy, 66, 103
wax, 87
wax paper, 47
Welden, Dan, **210, 211, 212, 213, 221, 224**
wheels, 186
Wilcox, Sandy, 223
Wite-out, 107
woodcut, 43
X-acto blade, 90, 93