

Index

Note: Page numbers in italics indicate figures.

- accessories, 96
- Acheson, Katherine, 154–156, 163
- Adams, George, 138–139, 184–186
A Treatise Describing and Explaining the Construction and Use of New and Terrestrial Globes, 138, 184–185, 188
- Addison, Joseph, 47, 99, 122, 124
- Adorno, Theodor, 105
- advertisements, 96, 99–102, 105–106, 136, 197.
See also trade cards
- aesthetics, 133, 137
 of the small, 81
 theories of, 14–15, 20–21, 25–26
 of trade cards, 105
- Agricola, George Andreas, *The Experimental Husbandman and Gardener*, 156–157
- Akre, Nancy, 25
- Alamedy, Ali, 34
- Albanese, Matthew, 210
- Albani, Francesco, 120
- Algarotti, Francesco, *Sir Isaac Newton's Philosophy Explain'd for the Use of the Ladies*, 72–73
- almanacs, 11
- Altick, Richard D., 19–20
- American colonies, 29–30, 196–202
 medical societies in, 199
 miniatures in, 198–199
 models in, 198–199
 national identity in, 197–198
 scientific models in, 199–202, 200
 scientific revolution in, 197
- American Philosophical Society, 198–200
- Anglo-Dutch Wars, 133
- Anne, Queen, 44–46, 90–91, 119, 124–125
 anxiety, 28–29, 32–35, 79, 86–87, 90, 117, 123, 146–147, 162–163, 192–193, 202, 209
- Appadarai, Arjun, 139
- Appel, Jacob, 44–45, 45
- Appleton House, 162–163
- Arbuthnot, John, 169, 189–190
An Account of the State of Learning in the Empire of Lilliput. Together with the Character of Bulldum the Emperor's Library-Keeper, 71
 “To Quinibus Flestrin The Man-Mountain: An Ode,” 71
- architectural models, 13–15, 18–19
- armaments, 140–141, 208–209
- Arnold, Ken, 18
- Art Institute of Chicago, 33–34
- Ashmole, Elias, 1–2
- associative thinking, 160–161
- Aubrey, John, 1–2
- Augustan natural philosophy, 53
- Augustus, Duke of Brunswick-Luneberg, 17–18
- Augustus of Saxony, 16
- authority, 177–178, 199
 crisis of, 124–125, 172
 scale and, 199
- baby-houses, 14–15, 44–45, 51, 82–83,
 208–209. *See also* dollhouses
- Bachelard, Gaston, 21, 81, 86–88, 145, 152, 174–175
- Bacon, Francis, 197
- Bagford, John, 104–105
- Bakhtin, Mikhail, 4
- Banister, John, 108
- Banks and Heal Trade Card Collection, British Museum, 104–105
- Barker, Thomas, 162
- Batt, Carol, 3
- baubles, 14–15, 20, 28–29, 97–99. *See also* trifles
- Baxter, Andrew, 97
- Behn, Aphra, 169
- Berg, Maxine, 103–106, 108–109
- Berkeley, George, 85

Index

233

- Binning, Thomas, *A Light to the Art of Gunnery*, 162
- Black Death. *See* the plague
- Blackmore, Richard, *The Lay-Monastery*, 99
- Blackwell, Mark, 6–7, 25–26
- Blake, William, 189–190
- Blanchot, Maurice, 31–32
- the body, 21, 112, 159–160
- books, miniature, 11, 44–45, 135–136, 152–153, 158–159, 208–209 (*see also* screw medals)
- Borel, Pierre, 16–17
- Boswell, James, 78–81, 85, 88–89, 190–191
- Boyer, Abel, *Political State of Great Britain*, 83
- Boyle, Robert, 13–14, 176–177, 189–190, 192, 197
- Bradley, Richard
The Country Housewife and Lady's Director, 42–43
General Treatise on Husbandry, 156–157
- Brebner, Daniel, 210
- Breen, T. H., 29–30
- Breughel, Jan the Elder, 120
- Brewer, John, 95–96
- Bridges, Henry, 186–187
- British Museum, 16, 104–105
 Heal and Banks collection, 12
- Brown, Bill, 6–7, 20–21, 26, 88, 96, 152, 201–202
- Brown, Thomas
 “Letters from the Dead,” 99
- Browne, Sir Thomas
Pseudodoxia Epidemica, 9, 10
- Bruckner, Martin, 197–198
- Buffon, Louis Leclerc de, 200–201
- Bulwer family, 44–46
- Burke, Edmund, 14–15, 25–26, 210
A Philosophical Inquiry into Our Ideas of the Sublime and the Beautiful, 208
- Burke, John, 171–172
- Butler, Samuel, *Hudibras*, 12–13
- camera obscura*, 22–23, 117–118
- cannons, models of, 140–141
- Caravaggio, 120
- carnivalization, 4–5
- Carracci, Annibale, 119–120
- Catherine the Great, 136
- Cave, Edward, 80, 83–84
- Cavendish, Margaret, 14–15, 169
- celestial models, 139, 173–174, 187–188, 198–199
- Chan, Maggie 34
- Chandos, Duke of, 186–187
- change, radical, 30. *See also* disaster, responses to character-based literary analysis, 96–97
- Charles I, 17–19
- Charles II, 12–13, 18–19, 49–50, 136–137, 189–190
- Charlotte, Queen, 153
- Chaucer, Geoffrey, 12–13
- Chelminski, Rudolph, “Forbes Museum’s Little Soldiers Aren’t Playthings,” 136
- Cheselden, William, 13–14, 172–173, 181–182
- Chinese Tales*, 72
- chinoiserie*, 121
- Chippendale, Thomas, 44–45, 50–51
The Gentleman’s and Cabinet-Maker’s Director, 50–51
- Cicero, 64–65
- Civil Wars, 18–19, 30–31, 96–97, 126, 134–135, 150–151, 162–163, 176–177
- Clark, Stuart, *Vanities of the Eye*, 154
- class, 14–16, 18, 28–29, 100–101, 112, 209
- Clinton, Bill, 2
- clothing, 14–15, 44–46, 119, 147
- cognition, 23, 25, 41–42, 81, 89, 95–127, 133, 171–172, 209. *See also* cognitive science; cognitive theory
- history of, 24
- material culture and, 20, 72–73, 139–148
- metaphor of *camera obscura* and, 22–23
- representation and, 54, 85–89
- size and, 52–60, 85–89, 153–154, 209
- space and, 153–154
- war and, 139–148
- cognitive artifacts, trade cards as, 106
- cognitive cultural and literary studies, 5–6, 22
- cognitive science, 22–28, 54–60, 111–112, 187
 experiments in, 55–56
 research in, 58
- cognitive theory, 3, 20–21, 25–29, 54, 123, 134–135, 145–146
- Cole, Benjamin, 105
The Soldier’s Pocket Companion, 135–136
- collections, 8–9, 16–18
 of models, 182–183, 185–188
 national identity and, 18
- royal, 18–19, 172–173, 185–188
 of Royal Society, 194
- Colley, Linda, 134
- Colman, George, *The Connoisseur*, 75–76, 78
- colonialism, 137, 188–189, 197–198
- commerce, 208–209. *See also* retailing; toy trade
- commodities, 100, 103–104. *See also specific commodities*
- comparisons, 52–53, 65–66
- The Compleat Gentleman Soldier, or a Treatise of Military Discipline*, 156–157
- The Compleat Soldier, or Artillery Man*, 135–136
- A Complete History of the Present War*, 151–152, 157, 164

- The Complete Militia-Man, or a Compendium of Military Knowledge*, 135–136
- consumerism, 14, 20, 28, 100
- consumption, 7
- control, 84–85, 193, 208
- Cooper-Hewitt Museum, 125–126
- correspondences, recognition of, 88
- Covent Garden, 197–198
- craftsmanship, 9–11, 16, 122, 137
- creativity, 21, 78–85, 88, 209
- Cromwell, Oliver, 136–137, 162–163
- cultural historians, 113–114, 145–146, 154
- culture, theories of, 4–5 (*see also* specific theorists)
- curiosity displays, 8–9, 16–19, 42–45
- Daily Advertiser*, 182
- The Daily Courant*, 124–125
- Daly, Patrick J., 124–126
- Darly, Matthew, 105
- Da Vinci, Leonardo, 173–174
- defamiliarization, 25, 209
- Defoe, Daniel
- The Compleat English Tradesman*, 114
 - A Journal of the Plague Year*, 30–31
 - Moll Flanders*, 47
 - Robinson Crusoe*, 196
- DeLoache, Judy S., 23, 55–56, 90–91, 111–112, 174–175
- Demaibray, Stephen, 13–14, 29, 172–173, 181–186
- demonstration, 172. *See also* lecture-demonstrations
- Deonna, Alexandra, 46–47
- Desaguliers, John Theophilus, 13–14, 29, 172–174, 179–180, 182–183, 186–187, 189–192, 194–195, 197, 200–201
- A Course in Experimental Philosophy*, 174, 180–182
- desire, the small-scale and, 100–101, 109
- detachability, 26–27
- developmental psychology, 22–23
- Dezafliers d'Argenville, A. J., *Theory and Practice of Gardening*, 156–157, 162
- Digby, Kenelm, 193
- dimensionality, 3, 20–22, 25–26, 54–57, 74–75, 78–79, 81–83, 110–111, 141–144, 150, 154, 159–160, 163
- disaster, responses to, 29–34, 123–127
- displacement, 26–31, 106, 112, 123
- distortion, 25
- dockyard models. *See* ship models
- Dodds, Lara, 65–66
- Dodsley, Robert, 95–96, 190–191
- The Toy-Shop: A Dramatick Satire*, 26, 28–29, 95–96, 112–117, 123, 177
- dollhouses, 7–11, 19, 33–34, 42–46, 45, 51, 86–87, 141–143, 208–209
- dolls, 11–12, 44–46, 57, 108. *See also* dollhouses
- domesticity, 6–7, 19, 147
- domestic sphere, 134–135. *See also* domesticity
- dominion, 134–135, 138, 154, 156, 164–165, 188–189, 193, 196–197. *See also* imperialism
- Don Quixote in Miniature*, 72
- Douglas, Mary, 5
- Doyle, Thomas, 210
- Dryden, John, 148–150
- dual representation, 23–24, 29–30, 54–56, 58–59, 73, 90–91, 134–135, 194–195, 209
- as disorienting, 88
- in Garrick's *Lilliput*, 77–78
- geography and, 187–188
- Johnson and, 82, 89
- in Milton's *Paradise Regained*, 66–67
- in Sterne's *Tristram Shandy*, 139, 141–142, 191–192
- in Swift's *Gulliver's Travels*, 60, 80, 88
- Dutch Wars, 42–43
- East India Company, 17–18, 44–46
- Electoral Palace, 16
- Elton, Richard, *Compleat Body of the Art Military*, 156–157
- empire. *See* imperialism
- empiricism, 139
- engraved images, 197–198. *See also* Hogarth, William; trade cards
- of *kunstkammers*, 16
- miniature, 109–110, 114–115, 148, 151–152, 154, 174, 199–200
- in screw medals, 153–154
- of “thunder house,” 197–198
- Enlightenment, 134, 139, 175–176
- entertainment, science and, 177, 181–186, 197–198
- epistemology, 154
- “epistemological rupture,” 174–175
 - experimental, 192
- Establishment of Dimensions, 137
- Evelyn, John, 1–2, 8, 14–15, 148–151, 153, 178–179, 208
- The Examiner*, 124–125
- experimentation, 171–174, 182–183, 188, 190–197. *See also* scientific models
- in America, 199
- dwindling into showmanship, 177
- industry and, 189–190
- miniaturization and, 171–174
- scientific models and, 175–184
- Swift's hostility to experimental epistemology, 192

Index

235

- facts, resistance to, 173–174
 Fairfax, Thomas, 162–163
The Fan (Gay), 6, 26, 28–29, 96, 112–113, 117–127
 fans, 9–11, 117–122
 double function of concealing and revealing, 126–127
 images on, 10–11, 125–127, 208–209
 as imported fashion, 123–124
 as metaphor, 125
 fashion, 14–15, 44–46, 75–76, 119, 121
 fashion dolls, 44–46
The Female Tatler, 114
 femininity, 14–15
 Ferguson, Adam, 191
 Ferguson, James, 181–182
 fictions of miniaturization, 26–30
 Fielding, Henry, 26–27
 An Enquiry into the Causes of the Late Increase of Robbers, 100–101
 The Late Increase of Robbers, 112
 Tom Jones, 13, 177–178
 Tom Thumb, 26
 toys and, 98
 Fiennes, Celia, 42–43
 figurative language, 65–66, 85. *See also* similes
 Fludd, Robert, 173–174
 fobs, 12
 fortifications, reconstruction of, 140–141
 Foucault, Michel, 14, 154, 186–187, 192
 Franklin, Benjamin, 29–30, 197
 Frederick, Prince of Wales, 14–15
 Freudianism, 209
 Friedeberg, B., 108–109
 furniture, 49–51, 60–67, 208–209
 furniture makers, 50–51
 gardening books, 155–157, 156, 157, 158, 159–160, 162
 Gardner, Richard, 50–51
 Garrick, David, 190–191
 Lilliput: A dramatic entertainment, 26, 76–78
 Gay, John, 26–27, 31, 96
 apprenticeship of, 118–119
 The Beggar's Opera, 117
 contribution to *The Examiner*, 124–125
 Fables, 117
 The Fan, 6, 26, 28–29, 96, 112–113, 117–127
 science and, 169
 Three Hours After Marriage, 13, 169–171, 176–177
 Trivia, or The Art of Walking the Streets of London, 117
 The What D'ye Call It, 117
 gender, 14–15
The Gentleman's Magazine, 26, 78–81, 83–84, 123–124. *See also* “The State of Affairs in Lilliput”
 geography, 138
 intimate geographies, 135–139, 156–157, 164–165, 188
 representations of, 187, 197–198 (*see also* globes; maps)
 spatial cognition of, 187
 George II, 148, 153, 184–185
 George III, 13–14, 29, 138, 148, 153, 180, 184–185
 collection of models, 172–173, 185–188
 madness of, 188
 royal instruments of, 200–201
 Georgian culture, 134, 139
 Gibbon, Edward, 190–191
 the gigantic, 81, 126, 133–134
 Gilbert, William, *De Magnete*, 193–194
 Glanville, John, *Scopis Scientifica*, 89–90
 globalization, 29, 134–135, 208–209
 globes, 58, 58–59, 187–188, 194–195, 197–198, 208–209. *See also* celestial models; pocket globes
 Glorious Revolution, 150–151
 Goldsmith, Oliver, 95
 Goodman, Diane, 57
 gratification, 100–101
 Gray, Thomas, 95
 Great Depression, 33–34
 Great Fire, 11, 13–14, 30–31, 96–97
 Greenblatt, Stephen, 154
 Greene, Vivien, 33–34
 Greenwood, Isaac, 197
 Gresham College, 173–174, 176–177
 Grew, Nehemiah, 170–171, 194
 Musaeum Regalis Societatis, 18–19
 Grotto Toy Shop, 44–46
 Grundy, Isobel, 84–85
The Guardian, 122
 Guercino, 120
 “Gulliver's Gate,” 34
Gulliver's Travels (Swift), 145–146, 152–153, 169–170, 177–178, 188, 193
 clothing in, 44–46
 cognition and, 52–60
 crisis of representation in, 53
 as cultural phenomenon, 71–92
 dollhouses and, 44–45
 dual representation in, 60, 80
 furniture as symbol of cognition and, 60–67
 globes and maps in, 58, 187–188
 material culture and, 42–51, 53, 64
 military models in, 192–193
 miniature furniture and, 49–50

- Gulliver's Travels* (Swift) (cont.)
 miniatures in, 46, 49–50
 models and, 46–49, 192–195
 pockets and pocket watches in, 46–47, 66
 Pygmalion problem in, 62–64
 representational asymmetry in, 194–195
 representation of war in, 160, 163
 scale and scale error in, 60, 62–64, 75, 192–194
 science and scientific models in, 193–195
 ship models and, 47–49
 size as satirical device in, 42–51
 small-scale models in, 46
 symbolic artifacts in, 59–67
 symbolic representation and, 53–60
 symbol-mediated experience in, 54–67
 toyshops in, 41–42
 war in, 134
- Gustavus Adolphus of Sweden, King, 17–18
- Hacking, Ian, 53, 169, 172–175
- Hainhofer, Philipp, 17–18
- Halley, Edmund, 170–171
- Hals, Frans, 19
- Hardy, Nathaniel, 11
- Hawksbee, Francis, 179–180
- Hawking, Stephen, 169, 172
- Hawkins, John, 91–92
- Heal, Ambrose, 104–105
- The History of the Trades*, 189–190
- H. Mountford, 106–108, 107–108
- Hodgson, James, 179–180
- Hogarth, William, 57
The Harlot's Progress, 47
The Humours of an Election 2: Canvassing for Votes, 57
Industry and Idleness, 191
Marriage A-la-Mode, 47
The Reward of Cruelty, 177
- scale error and, 57
 in Society for the Arts, 190–191
Taste in High Life, 47
 trade cards and, 105
 watches in engravings of, 47
- Holbein, Hans, *The Ambassadors*, 154
- the Holocaust, 33–34
- homo depictor*, 174, 194–195, 199
- Hong Kong, 34
- Hooch, Peter de, 19
- Hooke, Robert, 65–66, 192
 as Curator of Experiments in Royal Society, 170–171
 experimental carts and, 13–14
 experimentation and, 173–174, 179
- Micrographia*, 1–2, 8–9, 52–53, 64–66
- microscopes and, 1–2, 8–9, 46, 152, 176–177
- Papers*, 179
 pocket watches and, 12
 “Proposals for the Good of Society,” 170–171
- Hooker, Richard, 89–90
- Horkheimer, Max, 105
- Horne, George, 177
- horticultural discourse, 160–164
- Houart, Victor, 42–43
- humunculus, 140
- Hunter, William, 177
- Hutchinson, John, 177
- Huygens, Christian, 12
- Huygens, Constantijn, 13–14
- Hyde, Edward, 1st Earl of Clarendon, *History of the Rebellion*, 31–32
- iconicity, 23–24, 54, 66, 105, 134–135
- Idler* 31, 190–191
- imperialism, 29, 134–135, 137–139, 150–151, 154, 156, 164–165, 188–189. *See also* dominion
- instrument makers, 184–185, 197
- instruments, 13–14, 175–176
- intelligibility, small-scale models and, 82–83
- intervention, representation and, 196–197
- intimacy, 16, 109
- intimate geographies, 135–139, 156–157, 164–165, 188
- irony, 28–29, 53
- It-narratives, 6, 20
- Ittelson, William, 23
- Jacob, Margaret C., 176–177, 197
- Jacobite Rebellion, 27–28
- James, Henry, 85
- James II, 10–11, 47–48
- Jaques, Thomas, 103–104, 104
- Jardine, Lisa, 6–7
Ingenious Pursuits: Building the Scientific Revolution, 6
- Jefferson, Thomas, 200–201
- J. H. *The Compleat Gentleman Soldier, or a Treatise of Military Discipline*, 156–157
- Johnson, John, 104–105
- Johnson, Samuel, 3, 5, 26–28, 31, 71–72, 78–85, 95, 106–108, 190–191, 208
- cognition and, 89
- “Debates in the Senate of Lilliput”? 83–84
- Dictionary*, 2, 13–14, 82, 89–90, 97–98, 170–171, 190–191
- disruption of space and spatial perception by, 82–83
- keepsakes of, 79
- Life of Addison*, 176–177
- Lives of the Poets*, 85
- maps and, 187–188

Index

237

- memoirs of, 79
- miniatures owned by, 90–92
- praise for large-scale representations, 79–80
- Preface to Shakespeare*, 3
- Rambler* 83, 96
- Rasselas*, 28, 85–88, 145, 185–186, 188
- reaction to cognitive function of small things, 80–81
- reports on Parliament for *The Gentleman's Magazine*, 26, 79
- Review of Soames Jenyns*, 87–88
- revision of Swift's Lilliput, 84–85
- on size and scale in *Gulliver's Travels*, 79
- size discrepancy and, 88
- "The State of Affairs in Lilliput" (published anonymously), 80–85
- symbolic representation and, 90–92
- time and watches in, 91–92
- Johnson, Sarah, 90
- Jones, Henry, "Philosophy, a Poem," 169–170, 185–186
- Jones, Richard Foster, 193
- Jonson, Ben, 12–13
- Kaufmann, Angelica, 105
- Kee Wah Bakery, 34
- Keill, John, 181–182
- Kemp, Martin, *Seen/Unseen*, 24–25
- Kern, Jean B., *Dramatic Satire in the Age of Walpole*, 112–113
- Ketchum, William, 136
- Keymer, Thomas, 162–163
- King, Erasmus, 181–182
- King, William, *The Transactioneer*, 170–171
- King Philip's War, 133
- Kinnersley, Ebenezer, 197–198, 198
- knowledge, 53–54, 185–186, 208. *See also* epistemology
 - acquisition of, 24
 - desire for, 187
 - landmark versus map-based, 146
 - mediated through small-scale representations, 7–8
 - production of, 196–197
 - spatial knowledge, 23–24, 58
- Kowalski-Wallace, Elizabeth, 97–98
- Kress, Gunther, 24–25
- kunstkammers*, 8–9, 16–18. *See also* curiosity displays
- Kwass, Michael, 19–20
- The Lady's Magazine*, 122
- Lai, Tony, 34
- Langer, Suzanne, 23, 54, 56, 97, 174–175
- Langley, Batty, "Design of an Elegant Kitchen Garden," 162
- Laqueur, Thomas, *Making Sex*, 14
- large-scale models, 29–30, 200–202. *See also* large-scale representation
- large-scale representation, 29–30, 79–80, 145–146, 187, 200–202
- Laune, Thomas de, *The Present State of London*, 11
- Le Brun, Charles, 120
- lecture-demonstrations, 177, 180–183, 185–186, 197–199
- Lee, Frances Glessner, 33–34
- Leon, Jacob Judah, 13–14
- Levi-Strauss, Claude, 20–21, 81, 86, 145, 152, 185–186
- Liben, Lynn S., 22
- Library Company, 197
- Lille, siege of, 137–138
- linear perspective, 25–26, 153–154, 158–160
- literature, 22–23, 27–28, 96. *See also specific authors and works*
 - material culture and, 121, 133–134
 - miniaturization in, 26–30
 - scientists in, 169–171
 - war and, 133–165
- Locke, John, 22–23, 160–161, 172–173
An Essay Concerning Human Understanding, 24, 143–144
- London, Great Fire of, 11, 13–14, 30–31, 96–97
- London Almanack*, 11
- The London Magazine. Or Gentleman's Monthly Intelligencer*, 77–78, 83
- London Science Museum, 184–185
- longing, 21. *See also* nostalgia
- Louis XIII, 136
- Louis XIV, 136
- Low Countries, 11
- MacGregor, Arthur, 17–18
Curiety and Enlightenment: Collectors and Collections from the Sixteenth to the Nineteenth Centuries, 16–17
- Malthus, Francis, *A Treatise of Artificial Fireworks*, 156–157
- maps, 29, 58, 140–141, 145–146, 187–188, 197–198
 - large-scale space and, 145–146
 - map knowledge, 146
 - in Sterne's *Tristram Shandy*, 140–141, 147–148
 - in Swift's *Gulliver's Travels*, 58
- marionettes, 12–13
- Marlborough, Duke of, 137–138, 142–144, 163
- Martin, Benjamin, 181–182
- Marvell, Andrew, 155–156
Upon Appleton House, 154, 160, 162–163

- Master Shipwrights, Royal Dockyard, 136–137
 material culture, 8–15, 19–20, 22–23, 26–29,
 89, 95–96, 171–172, 209
 in America, 199
 cognition and, 20, 72–73, 139–148
 literature and, 121, 133–134
 moral thought and, 78–79
 print culture and, 208–209
 Swift's *Gulliver's Travels* and, 64
 toyshops and, 98–102
 war and, 133–134, 139–148
- Mathematics School at Christ's Hospital,
 founding of, 189–190
- Mather, Cotton, Jr., 197, 200–201
- Maupertius, Pierre, 178–179
- McKendrick, Neil, 105, 113–114
A Mechanical Account of the Cause and Cure of a Virulent Gonorrhœa in Both Sexes, 102
- medals, 29, 133, 148–160, 148–155, 149,
 155–156, 163, 188
- medical societies, 199
- Medici, Catherine de, 44–46
- Medici, Francesco I de, 16
- Memoirs of the Court of Lilliput*, 73–75, 122
- microcarvings, 16
- microcosms, 16–19, 82, 185–191
- microscopes, 8–9, 14–15, 46, 65–66, 176–177,
 208–209
- A Military Dictionary Explaining All Difficult Terms in Martial Discipline, Fortification, and Gunnery*, 135–136
- Military Discipline, or, the Art of War*, 135–136
- military discourse, 160–165, 208–209. *See also*
 military manuals; military models
- military manuals, 148–155, 155–157, 159,
 159–160, 162
- military models, 192, 198–199
- Miller, Daniel, 20, 54
- Miller, James, *The Humours of Oxford. A Comedy*, 72
- Miller, Thomas, *The compleat modellist shewing the true and exact way of raising the model of any ship or vessel, small or great*, 48–49
- Milton, John, 65–66
Paradise Lost, 52–53, 65–67, 85, 90–91, 126,
 133–134
Paradise Regained, 66–67
- science and, 169
- miniatures, 19–21, 25, 97, 208–209. *See also*
 miniaturization; specific kinds of miniatures
- as achievement of technical skill, 16–17
- as agents of emotions, 90
- in America, 198–199
- appeal to both genders, 14–15
- desire and, 7
- Englishness of, 16–19
- as epitome of art (Levi-Strauss), 86, 88
- intimacy of, 6
- manufactured or constructed, 9
- as metaphor, 80–81
- vs. microcosms, 16–17
- as models of taste, 4
- nature and, 8–9
- palliative effect of, 34–35
- postmodern imagination and, 208–210
- in theory, 19–26
- as vehicles of nostalgia, 90
- miniature writing, 64–65. *See also* books,
 miniature; screw medals
- miniaturists, 51–52, 210. *See also specific miniaturists*
- miniaturization, 88, 140
- appeal of, 89
- experimentation and, 171–174
- great age of, 23
- technology and, 208–209
- modeling, according to scale, 27–28
- model-makers, 189–190, 199
- Model Maximum Machine, 183
- Model of the Sphenoid Bone, 200, 200
- models, 13–15, 18–19, 29, 82, 95–96, 140–141,
 145, 163, 190–191. *See also specific models*
- and kinds of models
- in America, 198–199
- collections of, 182–183, 185–188
- defined in Johnson's *Dictionary*, 170–171
- industry and, 189–190
- map-like, 82
- mediation by, 174
- natural philosophy and, 171–172
- power and, 188–189
- Royal Society and, 29
- in Sterne's *Tristram Shandy*, 141–145,
 147–148, 159–161, 165
- as symbolic artifacts, 174–175
- “thunder house,” 197–198, 198
- model soldiers, 136. *See also* toy soldiers
- Model Tipping Cart, 184
- The Modern Christian*, 123
- Mohler, Nora M., 193–194
- Montagu, Mary Wortley, *Town Eclogues*, 47
- Montespan, Madame de, 121
- morality, perceived in relation to scale, 78–79,
 87, 89–90, 199
- Morris, Henry, 108
- Morton, Alan Q., 181–182
- moving pictures, 137–138
- Moxon, John, *Epitome of the Whole Art of War*,
 135–136
- Mr. Punch, 12–13

Index

239

- Mui, Hoh-cheung, 113–114
 Mui, Lorna H., 113–114
Musaeum Tradescantium, 1–2, 17–18
 museums, 1–2, 16–18, 44–46
- Namur, Battle of, 26, 29, 134, 140–141, 144–147, 163, 187–188
 national identity, 16
 in America, 197–198
 collections and, 18
 of fans, 123–124
 representation of geography and, 197–198
 natural philosophy, 172–177, 179–185, 188, 196–197
 industry and, 189–190
 objectivity and, 191
 small-scale models and, 171–172
 nature
 dominion over, 29 (*see also* dominion)
 representations of, 172–173
 Navy Board, 136–137
necessaires, 12, 208–209
 Nemerov, Alexander, 199–202
The News-Reader's Pocket Book, or, a Military Dictionary, 135–136
 Newton, Isaac, 169, 176–177, 180, 186–188, 191–192, 197
 Opticks, 169–170
 Principia Mathematica, 172, 194
 Nicolson, Marjorie Hope, 193–194
 Nine Years' War, or War of the Grand Alliance, 133
 Nokes, David, 119, 126–127
 non-linear perspective, 148, 160–161, 163
 nostalgia, 21, 90, 105–106, 209–210
 Nostell Priory baby-house, 44–45
 Nye, Nathaniel
 The Art of Gunnery, 159
 objectivity, 172, 191, 194–195
 Ogborn, Miles, 24–25, 134–135, 139
 Ogilby, John, *Britannia*, 11
 Oldenburg, Henry, 178–179
 Ong, Walter, 153–154, 157, 163
 Oortman, Petronella, 44–45, 45
 ornaments, 28–29, 96
 Ovid, 57, 103–104
- Packard, Vance, 105
 paintings, 19. *See also* portraits
 on fans, 117–122, 125–127
 genre paintings, 19
 of *kunstkammers*, 16
 miniature, 208–209
- 'Paper War,' 124–125
 Park, Julie, 6–7
 Parliament, 18–19, 79
 patents, 189–190
 Payne, William, 89
 Peale, Charles Wilson, *Self-Portrait, for the Multitude*, 200–201
 Penn, William, 197
 Pepys, Samuel, 1–3, 10–15, 48–49, 137, 199–200, 208
 Diary of, 1, 50
 trade cards and, 104–105
 perception, modes of, 89–90
 Peterborough, Earl of, 137–138
 Peter III, 136
 Peter the Great, 47–48
 Pett, Peter, 48–49
 Petty, William, 13–14, 176–179
 philosophy of science, 172–173
 Pinchbeck, Christopher, 14–15
 Pinkethman, William, 137–138
 the plague, 30–31, 96–97, 150–151
 Pliny the Elder, 64–65
 pocket globes, 12, 138–139. *See also* globes
 pockets, 11–12, 208–209
 pocket watches, 12, 66, 91–92, 208–209
 Pope, Alexander, 8, 26–27, 31, 95–96, 108
 An Account of the State of Learning in the Empire of Lilliput. Together with the History and Character of Bullum the Emperor's Library-Keeper, 71
 Epistle to Burlington, 186
 An Essay on Man, 3, 186
 The Memoirs of the extraordinary life, works, and discoveries of Martinus Scriblerus, 187–188
 "To Quinibus Flestrin The Man-Mountain: An Ode," 71
 The Rape of the Lock, 1, 26, 28–29, 32–33, 96–98, 103–104, 109–123, 134
 science and, 169–170, 184–185
 toys and, 99
 portability of miniature objects, 26–27, 30, 32
 Porter, Roy, 95–96, 177, 188–189
 portraits, 9–11, 28–29, 208–209
 possession(s), 96–97, 154, 199. *See also* property
 miniatures and, 82–83
 scale and, 199
 souvenirs of, 105–106
 postmodern imagination, miniatures and, 208–210
 Potter, Francis, 179
 power, the small-scale and, 134–135, 187, 193
 Priestly, Joseph, 182
 print culture, 19–20, 208–209. *See also* literature

- property
 miniatures and, 82–83
 reassignment of, 96–97
- “Proposals for Printing by Subscription
Anagrammata Rediva,” 83–84
- Ptolemaic model of the universe, 173–174
- the public sphere, 134–135
- Pulchinello, 12–13
- puppetry, 12–13
- Pygmalion problem, 23–24, 54, 57, 59–60,
 62–63, 201–202
 in Sterne’s *Tristram Shandy*, 143–144
 in Swift’s *Gulliver’s Travels*, 62–64, 201–202
- Quare, Daniel, 12
- Rabelais, François, 133–134
- Rambler* 106, 190–191
- Randolph, Thomas, *Conceited Pedlar*,
 113–114
- The Rape of the Lock* (Pope), 1, 26, 28–29,
 32–33, 96–98, 103–104, 109–123
 scale error in, 110–111
 toys in, 110–113
 trade cards in, 109–112
 war in, 134
- raree shows, 12–13, 140, 177–178, 184–185
- the real, 53–54, 201–202
 conceptualization as attribute of
 representations, 23
- Pygmalion problem and, 57
 representation of, 172–173
- realism, 53. *See also* scientific realism
- reduction of scale, virtues of, 86
- relativity, 84–85
- Reni, Guido, 119–120
- re-objectification, 21
- representational asymmetry, 23–24, 54, 59–60,
 66, 134–135, 177–178
 in Sterne’s *Tristram Shandy*, 139, 141
 in Swift’s *Gulliver’s Travels*, 194–195
- representation(s), 5, 22, 41–42, 53, 89, 172, 199.
See also symbolic representation; specific
 kinds of representation(s)
- cognition and, 85–89
- crisis of, 53
- of geography, 197–198
- intervention and, 196–197
- modes of, 133
- of nature, 172–173
- pictorial and naturalistic vs. artificial and
 diagrammatic, 153–154, 157–160, 163
- of the real, 172–173
- science and, 172–174
- spatial, 22
- theories of, 22–23, 53–54
 of warfare, 198–199
- Restoration, 18–20, 30–31, 96–97
 founding of Royal Society after, 175–177
 miniatures and, 49–50
 toys during, 42–43
- retailing, 100, 113–116, 118
- Reynolds, Joshua, 79–80, 190–191
- Richardson, Samuel, 190–191
Pamela, 13
- Rosenthal, Angela, 122
- The Royal Gazette*, 136
- Royal Navy, 137
- Royal Society, 2, 6–7, 13–15, 29, 170–172, 174,
 177–178, 188–191, 193–194, 196–197
 Americans in, 197
- Classified Papers, Council Minutes, and Early
 Letters of*, 178–179
- collection of, 194
- experiments of, 171–172
- founding of, 18–19, 175–177, 190–191
- scale and, 172–173
- scientific models and, 178–180
- Rubenstein, Helena, 33–34
- Rush, William, 199–200, 200, 202
- Ruyter, Admiral Michiel de, 48–49
- scale, 3, 22, 72–73, 175, 199
 authority and, 199
- models, 29, 136–137
- new world and, 196–197
- possession and, 199
- reduction of, 24–26, 86
- Royal Society and, 172–173
- scale correction, 76–77
- scaled perspective, 139
- science and technology, 171–174, 191
- symbolization and, 134–135
- scale error, 23–24, 54, 57, 71, 78, 134–135, 209
 Hogarth and, 57
- Johnson and, 88–89
- in Pope’s *The Rape of the Lock*, 110–111
- in Sterne’s *Tristram Shandy*, 139, 144–145
- in Swift’s *Gulliver’s Travels*, 60, 62–64, 75, 81,
 192–193
- Schaffer, Simon, 53, 55, 172–173, 186, 200–201
- Schiffer, Herbert, 50
- Schmandt-Bessarat, Denise, 58–59
- Schreiber, Charlotte, 120, 125–126
- science, 29, 169–202, 208–209. *See also* natural
 philosophy
- colonialism and, 188–189
- entertainment and, 177, 181–183, 197–198
- models and, 172–174
- new science, 171–174

Index

241

- philosophy of, 172–173
- scale and, 171–174
- scientific apparatus, 197
- in Sterne's *Tristram Shandy*, 175–176
- in Swift's *Gulliver's Travels*, 193–195
- Swift's hostility to, 192
- symbolic artifacts and, 171–174
- theatre and, 177–178
- scientific models, 13–14, 23, 172–177, 179–182, 183–184, 186, 190–191, 193–194, 196–197
- in America, 199–202, 200
- appeal of, 182
- collections of, 182–183, 185–188
- entertainment and, 184–186
- experimentation and, 175–184
- industry and, 189–190
- Royal Society and, 178–180
- in Swift's *Gulliver's Travels*, 193–195
- symbolic representation and, 182–185
- scientific realism, 172–175
- scientists, in literature, 169–171
- screw medals, 148–153, 148–155, 149, 155–160, 188
 - engraved images in, 153–154, 158–159
 - “seeing the whole at once,” 28, 74–75, 145, 185–192, 196–197, 210
- self-fashioning, 99, 101
- Senex, John, 184–185
- Sergison, Charles, 48–49
- Seven Years' War, 29, 133, 136–138, 148–160, 162–163, 188
- Shadwell, Thomas, 169
- Shakespeare, William, 12–13
- Sharpe, Anne, 44–46
- ship models, 9–11, 14–15, 32, 47–49, 48, 51, 136–137, 150, 208–209
- Shklovsky, Viktor, 25
- shopping, 110, 112–116, 118
- shops, 96. *See also* retailing; toyshops
- A Short History in Miniature of the Origin and Progress of the Late War*, 148–151, 149, 157–159
- The Siege of Barcelona*, 137–138
- Sigel, Irving, 22–23, 53–55
- sight, in relation to small-scale, 24
- silver, miniature, 11
- similes, 52–53, 65–66
- size, 72–73, 199. *See also* scale
 - acquisition of knowledge and, 24
 - cognition and, 52–60, 85–89, 153–154
 - new world and, 196–197
 - reduction of, 25–26
 - representation and, 85–89
 - as satirical device, 42–51
- size discrepancy, 88
- space and, 153–154
- symbolization and, 88, 134–135
- small-scale, 81. *See also* miniatures; models
- Smeaton, John, 189–190
- Smith, Woodruff, 14
- Smollett, Tobias, 179–180, 190–191
- Soane, John, 18–19
- Society for the Arts, 190–191
- soldier's manuals. *See* military models
- Southwark Fair, moving pictures at, 137–138
- souvenirs, 105–106
- space
 - acquisition of knowledge and, 24
 - cognition and, 153–154
 - disruption of, 82–83
 - in Georgian culture, 134
 - pictorial and naturalistic vs. artificial and diagrammatic, 163
 - public, 134–135
 - representation, modes of, 153–154, 157–160
 - size and, 153–154
- spatial dimension. *See* dimensionality
- spatial knowledge, 23–24, 58
- spatial perception, 82–83, 187
- spatial relations, 22
- spatial theory, 134–135
- The Spectator*, 47, 99, 122–124
- Sprat, Thomas, *The History of the Royal Sociey*, 176–177
- “The State of Affairs in Lilliput” (published anonymously) (Johnson), 80–85
- State Papers, 18–19
- status symbols, 100–101
- Steele, Sir Richard, 186
- Steele, Valerie, 124
- Steen, Jan, 19
- Sterne, Laurence, 26–27, 31, 139, 208
 - maps and, 187–188
 - representation and, 172–173
 - science and, 169
 - Seven Years' War and, 137–138
 - Tristram Shandy*, 6, 11, 25–26, 29, 31, 133–165, 169–170, 175–176, 187–188, 191–192
- Stewart, Larry, 197
- Stewart, Susan, 7–9, 21, 80–81, 90, 105–106, 133–134, 209–210
- St. Mary Redcliffe Church, model of, 14–15
- Stormer, Horst, 19–21
- Stowe, gardens at, 163
- St. Paul's Cathedral, model of, 14–15, 46
- Strangers Hall Museum, 44–46
- subjectivity, 96–97, 154, 159–160, 209
- Swann, Marjorie, 96

- Swift, Jonathan, 6–8, 26–27, 171–172, 182–183, 187–188, 208
An Argument against Abolishing Christianity, 83–84
The Battel of the Books, 64–65, 71, 115–116, 134
 “A Diggession on Madness,” 185–186
The Drapier’s Letters, 83–84, 169–170
Gulliver’s Travels, 3–4, 6–8, 12, 25–29, 31, 34–35, 41–67, 71–92, 134, 145–146, 152–153, 160, 163, 169–170, 177–178, 187–188, 192–195
 Johnson’s slight to, 89
 maps and, 187–188
A Modest Proposal, 83–84, 88
 responses to disaster, 31
 satire on science and experimental epistemology, 192
 science and, 169
A Tale of a Tub, 56, 64–65, 83–84, 185–186
 use of figurative language, 65
 visit to Chelsea Bun House, 14–15, 42
 visits to toyshops, 44–46
 war and, 27–28
 symbolic artifacts, 27–28, 55, 58–60, 73, 79, 123, 150, 177–178, 208
 models as, 174–175
 science and, 171–174
 ship models as, 137
 in Sterne’s *Tristram Shandy*, 139–145, 147, 164–165
 in Swift’s *Gulliver’s Travels*, 59–67
 toys as, 97, 100–101, 111–112
 trade cards as, 105–106, 108–109
 trifles as, 115–116
 symbolic representation, 22–23, 26, 32, 53–54, 79, 90–92, 146, 171–172, 199, 202, 209
 centrality in cognition, 54
 Johnson and, 90
 of power, 134–135
 scientific models and, 182–185
 Swift’s *Gulliver’s Travels*, 53–60
 toys and, 103–109, 111–112
 trade cards and, 103–109
 symbolization, 23, 134–135
 symbol-mediated experience, 23, 54–67, 172–173
 four concepts of, 23–24
 taste, 4, 14, 18, 30, 100–101
Tatler 6, 101–102
 technology, 137, 174–175, 191, 208–209
 Temple, Richard, Lord Cobham, 163
 Temple, Sir William, 42
 theatricality, 95–96, 114, 177–178, 197–198
theatrum mundi, 16–17
- theory. *See also specific kinds of theory*
 historicizing, 30–35
 miniatures in, 19–26
 of the “quintessentially human,” 174–175
The Practical Scheme of Secret Injuries and Broken Constitutions, 102
 thing-theory, 21
 Thomas, Julia, 24–25, 153–154, 163
 Thompson, Isaac, 189–190
 Thomson, James, 169–170
 Thorne Rooms, Art Institute of Chicago, 33–34
 Thrale, Henry, 190–191
Three Hours After Marriage (Gay), 13, 169–171, 176–177
 “thunder house,” 198
 Thuret, Isaac, 12
 “The Toilette of Venus,” 121, 123–124
 Toinard, Nicolas, 178–179
 Toller, Jane, 50, 56–57
 Tompion, Thomas, 12
 Tories, 124–125
 towns, miniature reconstruction of, 140–141
 toys, 96–97. *See also toyshops; specific kinds of toys*
 disasters and, 123–127
 meaning of in seventeenth and eighteenth century, 97
 miniature, 208–209
 in Pope’s *The Rape of the Lock*, 110–113
 silver, 42–43, 51
 in Sterne’s *Tristram Shandy*, 175–176
 as symbolic artifacts, 97, 100–101, 111–112
 symbolic representation and, 97, 100–101, 103–109, 111–112
 trade cards and, 103–104
 war and, 175–184
 toyshops, 41–46, 95–98, 106, 114–116
 advertisements for, 99–102
 items sold at, 101–102
 material culture and, 98–102
 personal hygiene and health items sold at, 101–103
 as stage sets, 114
 trade cards and, 106–109
 toy soldiers, 136
 toy trade, 100–101
 trade cards, 96, 103–105, 104
 aesthetic ideal of, 105
 for B. Friedeberg, 108–109
 as cognitive artifacts, 103–106
 for Henry Morris, 108
 for H. Mountford, 106–108, 107–108
 for John Banister, 108
 as miniature works of art, 103–106
 in Pope’s *The Rape of the Lock*, 109–112

Index

243

- as representations of small-scale goods, 103–104
- as source for literary texts, 103–104, 106
- as souvenirs, 105–106
- as symbolic artifacts, 105–106, 108–109
- symbolic representation and, 103–109
 - for Thomas Jaques, 103–104
- Tradescant, John, 1–2, 17–18
- traveler's samples, 50
- Treaty of Paris, 133, 156
- Treaty of Utrecht, 124–125
- trifles, 96–97, 114–116. *See also* trinkets
- trinkets, 42–43, 97, 99, 117–118. *See also* toys
 - Tristram Shandy* (Sterne), 133–165, 169–170, 191–192
 - dual representation in, 141–142, 191–192
 - horticultural discourse in, 160–164
 - idea of miniaturization in, 140
 - “intimate geography in,” 134–135
 - maps in, 140–141, 147–148, 159–160, 187–188
 - military discourse in, 160–165
 - miniature books in, 134–135
 - models in, 141–145, 147–148, 159–161, 165
 - Pygmalion problem in, 143–144
 - representational asymmetry in, 141
 - representation of war in, 139–148, 160–165, 175–176, 191–192
 - scale error in, 144–145
 - science in, 175–176
 - symbolic artifacts in, 140–145, 147, 164–165
- Uttal, David H., 23, 145–146, 187
- Van Hoogstraten, Samuel, 14–15
- Van Leeuwen, Theo, 24–25
- Van Mieris, Frans, 19
- Velasquez, Diego, *Las Meninas*, 154
- verisimilitude, 51–52, 209–210
- Vermeer, Johannes, 19
- Victoria and Albert Museum, 125–126
- the visual, 24–25
 - visual culture, 24
 - visual language, 96
 - visual technologies, 163
 - visual theory, 24–26, 29
- Walker, Grant, 48–49
- Wall, Cynthia, 6–7, 11, 114–115
- Wallis, John, 193
- Walpole, Horace, 14–15
- Walpole, Robert, 52
- Walsh, Claire, 113–114
- war, 29, 34, 96–97. *See also* military discourse; specific conflicts
 - cognition and, 139–148
 - material culture and, 133–148
 - mediation of, 137
 - modes of cognition about, 160–161
 - reenactments of, 137–138
 - representation of in miniature, 133–165, 148–155, 149, 198–199
 - in Sterne's *Tristram Shandy*, 162–165, 175–176, 191–192
 - toys and, 175–184 (*see also* toy soldiers)
 - war games, 136
- Ward, Ned, *The London Spy*, 118
- War in Miniature, a schraubthaler or screw medal, 133, 148–155
- War of Austrian Succession, 133
- War of Jenkins Ear, 133
- War of Spanish Succession, 27–29, 124–125, 133–134, 142–143, 145–146
- War of the Quadruple Alliance (Nine Years' War), 27–28, 133. *See also* Nine Years' War
- watches. *See* pocket watches
- Watts, Thomas, 181–182
- Wedgwood, Josiah, 79–80
- Weigel, Christoff, 43–44
- Weiss, Jane A., 181–182
- Whiston, William, 181–182
- Wildey, George, 106–108, 107–108, 109–110
- William III, 47–48
- William of Orange, 136
- Williams, Raymond, 5–6, 22–23, 26–27, 100–101
- Williams, William Carlos, 79
- Winstanley, George, 181–182
- Winthrop, John, 197
- Wistar, Caspar, 199–202
- Withers, W. J., 24–25, 134–135, 139
- Wollheim, Richard, 24–25
- Worlidge, John, *Systema Horti-culturae, or The Art of Gardening*, 156–157, 158
- Worshipful Company of Fan Makers, 10–11, 118
- Worster, Benjamin, 181–182
- Wren, Christopher, 13–15, 46, 178–179, 182
- wunderkammers, 16–18. *See also* curiosity displays