

# SUBJECT INDEX

- Action(s), communicative, 12, 67–92
- Affordance(s), 14, 229, 231
- Agency, 10, 97, 101–102, 105, 147, 238
- the Alaska Native Knowledge Network, 124
- Alternate reality game (ARG), 81
- Annotation, 3, 13, 17, 41, 67, 95, 121, 159, 181–186, 189–191, 193, 195, 197, 199, 201, 203, 205, 207–208, 215, 235, 268–269, 271
- tool(s) for, 13, 182, 208
- ArcGIS Explorer Online, 228, 231
- Archaeology, 267
- ARG. *See* alternate reality game
- Baxter Magolda, M., 43, 48, 50, 55
- Biography
- auto-, 130
- Blackboard (online learning management system), 29, 53, 135, 150, 154
- Blackboard, virtual, 168–169, 176, 178
- Blog(s), 14, 33, 43, 46, 75, 86, 88–89, 106, 110, 144, 154, 169, 216–218, 220–221, 227–228, 230
- Blogging, 14, 215–222, 225–226, 228, 231
- Case study(ies), 14, 74–82, 92, 181–209, 236
- Class size, 26, 43, 191–192
- Classroom, constructivist, 62
- Collaboration, 4, 13, 21–22, 27–29, 43, 45, 54–55, 57, 69, 89–90, 107, 123, 135, 161–162, 175–177, 181–182, 186–187, 190–191, 198–199, 203, 206–207, 218, 220, 226, 231, 235, 238, 252, 258–260, 269–271
- in class, 57, 135
- on final examination(s), 27
- international, 161
- Communication, 4, 11–12, 14, 24, 33, 70–72, 76–77, 80–81, 84–85, 87–89, 91, 93, 97, 99–100, 102, 106, 114, 147, 159–163, 170–171, 174–176, 178, 188, 209, 217–218, 224, 274, 277
- media, 12, 87
- synchronous, 85
- Communicative action(s), 12, 67–93
- constative, 73–74, 84–86
- Competency(ies), intercultural, 13, 161–164, 168
- Content, 5, 7–9, 11, 14–15, 17–29, 31–33, 35, 44, 50–51, 54, 61, 69–70, 75, 78, 87, 89, 96–100, 102, 104–105, 107–109, 115, 124–125, 135, 145, 159, 166–167, 176–178, 184, 186,

- 191, 197, 208, 215–219, 221–231, 245, 258, 260, 277
- access to, by students, 17
- external, 14, 217, 222, 224
- static, 14, 217, 222, 226–229, 231
- student-created, 14, 217, 224–226, 231
- Convergence (of media), 68
- Course(s)
  - free, 33
  - online, 216–218, 221, 223–225, 227–228
- Creativity, 12, 27, 35, 57, 67, 69, 74, 85, 89, 114, 135, 168, 217
- Culture, global vs. local, 169
- Device(s), mobile, 33, 100, 103, 114–116, 185, 228, 231
- Digital enclosure, 30
- Digital footprint, 27
- Discourse, 6, 46, 60, 69, 73, 78–80, 84–86, 89, 91, 100–101
- Drupal, 220, 222, 228
- Education, 3, 5, 7, 9, 11, 13–15, 17–19, 21, 23–27, 29, 31, 33–35, 41–45, 47, 53, 61–62, 67–68, 74–75, 78, 81, 87, 95, 98, 103, 106, 108, 111, 115, 117, 121–124, 134, 145, 148, 159–160, 163–164, 166–167, 175–178, 181–184, 186–197, 199, 201, 204–209, 215–217, 224–225, 231, 235–240, 243–244, 248–250, 252–255, 257–259, 261–264, 268–276
- continuing, 239, 252
- global, 239, 248, 250, 252, 259, 261–263
- graduate, 44–45
- international, 270
- place-based, 13, 124, 156
- professional, 239
- of teachers, 191, 239
- Engagement, 3–6, 10, 12–15, 17, 19, 21–22, 24–25, 27–28, 31–32, 35, 41, 46, 52–53, 55, 67, 82, 92, 95, 97, 100, 106, 121, 124, 131–137, 140–142, 144–147, 159–161, 163, 165, 167, 169, 171, 173, 175, 177, 181, 183–185, 188, 191, 193–194, 202–209, 215, 217, 227, 235, 241, 243–244, 250, 261–262, 273
- industry, 205
- of learners, 5, 159–178
- of students, 4, 13, 19, 24–25, 27–28, 31, 35, 52, 124, 132–134, 136–137, 144–147, 183–184, 188, 191, 193, 209, 243–245
- Ethics, 59, 131, 193
- Experience, global, 13, 161
- Feedback, 12–13, 32, 53, 55, 60, 69, 84–86, 88–90, 116, 122, 131–132, 135–137, 144, 147, 163, 169, 172, 181–182, 185, 187–191, 194, 197–199, 203, 206–207, 231, 268
- Game(s)
  - computer, 107–108, 111, 113, 115–116
  - educational, 109–110, 112
  - and language learning, 104–108
  - video, 12, 77, 97–98, 104, 107–108, 115–116
- Gamification, 117

- Geographic information system(s) (GIS), 124–125, 130, 137, 141, 153, 216, 222
- Geography, 14, 61, 109, 142, 217, 223, 225, 269, 273–274
- GIS. *See* geographic information system(s)
- Global positioning system(s) (GPS), 114–115, 130–131, 137, 141, 153, 216–218, 225, 272
- Google Earth, 125–132, 135–138, 141–144, 219, 222, 228
- Google Lit Tours, 221
- Google Maps, 136, 216–220, 228, 231
- GPS. *See* global positioning system(s)
- Group tacit knowledge (GTK), 29–30
- GTK. *See* group tacit knowledge
- Higher education, 3, 5, 7, 9, 11, 13, 17–19, 21, 23–27, 29, 31, 33–35, 41–44, 47, 61, 67, 74–75, 95, 98, 121, 148, 159–160, 166, 181–184, 187, 189–193, 206, 208–209, 215–216, 231, 235, 237–238, 240, 244, 258, 263, 268, 270, 273–276
- History, 10, 33, 73, 82, 112, 127, 130–131, 142–143, 146, 181, 184, 216, 222–223, 227, 229, 267, 269–270, 274, 276
- ICT. *See* information and communication technology(ies)
- Identity, 11, 41, 43–45, 47–50, 52–54, 59, 74, 86, 97, 101–102, 111, 163, 241, 248, 274
- Immersion, 45, 105, 122, 163, 169
- Individualization, 101
- Information and communication technology(ies) (ICT), 33, 160, 162
- Inquiry(ies), 5, 10, 12, 14, 31, 61, 71, 73–75, 85, 92, 107, 163–164, 220, 222, 224–226, 230–231
- Instructional design, 68, 81–82, 85, 91–92, 228, 272, 275
- Internationalization, 268
- Intersubjectivity, 68, 73–74, 85
- iPad, 103, 135–137
- Journaling, 32
- Kegan, R., 5, 43, 48, 50
- Knowledge, explicit, 19–20, 25–30
- Knowledge, tacit, 15, 26–30, 35
- Kolb's learning styles, 174–175
- Learner(s), active, 14, 168–169, 183
- Learning, 3–15, 17, 19–21, 23–32, 35, 41–62, 67–82, 84–85, 87, 89, 91–93, 95–102, 104, 107–109, 111–117, 122–124, 127, 131, 133–134, 136–138, 141, 144–147, 159–165, 167–178, 181–209, 215–222, 224–231, 239–241, 243–246, 248, 250–251, 256, 258–264, 268–277
- adult, 11, 42, 44
- authentic, 7, 15, 184, 218
- blended, 167–168, 188, 241, 256, 271
- constructivist, 21
- design of, 14, 183, 186, 191, 209
- distance, 161, 169, 175–177, 239–240, 259–260
- lifelong, 14, 61–62, 243–245, 248, 262

- of language, 12, 95–117, 270
- online, 42–43, 54–55, 59, 168, 193–196, 207, 221, 224
- participatory, 8, 95, 102, 116
- partnership(s), 11, 41–62, 263
- self-directed, 12, 44–46, 60, 147
- self-paced, 208
- transformative, 45, 54–55, 62
- work-relevant, 14, 183, 205, 207
- “learning and teaching”, 12, 67–93, 95–117, 183, 191, 208–209
- Learning and Teaching as
  - Communicative Actions Theory (LTCA), 12, 67, 69–75, 77–85, 87, 89, 91–92
- Learning management system(s), 29, 221, 226
- Lecture(s), effectiveness of, 25
- Listening, interactive, 14, 169, 176, 216, 219–221, 231
- Literacy, geographic, 216
- LTCA. *See* Learning and Teaching as Communicative Actions Theory
- Machinima, 98, 105, 116
- Maori studies, 12, 121, 123, 125, 127, 129, 131, 133, 135, 137, 139, 141, 143, 145, 147
- Map(s)
  - multimedia, 14, 215–232
  - thematic, 229–231
- MapBlog, 14, 215, 217, 219–231
- Mapping, 6, 8, 13–14, 122, 124, 126–127, 130–131, 133, 135–136, 139–143, 145–147, 215, 217–219, 222, 226, 228–231, 277
- Marae (Maori meeting house), 121–148
- Mashup(s), 88
- MAT. *See* media annotation tool
- Media annotation tool (MAT), 13–14, 181–209, 268–269, 271
- Memorization, rote, 19, 26, 31, 96
- Mobile technology(ies) in teaching, 18, 22, 24, 32
- Mode(s), 171–172
- Motivation, 3–4, 7, 46, 106, 162, 188, 208, 252
- Multimedia, 3–11, 14–15, 17, 24, 41–42, 53, 56, 62, 67, 75, 77, 95, 98–99, 103–104, 110, 113–114, 121, 159–160, 162, 181, 215–219, 221, 223, 225, 227, 229, 231, 235, 242, 272
- Narrative(s)
  - digital, 11–12, 41–62, 98, 103, 116, 183
- Navigation, 201, 206, 208–209, 219, 222, 229–231
- New Zealand, 13, 122–124, 130, 132, 137, 146, 194, 267–269, 272–273, 276
- NGOs. *See* non-governmental organization(s)
- Non-governmental organization(s) (NGOs), 14, 236–240
- Normative, 71–72, 74, 81–82, 84
- Pedagogy(ies)
  - student-centered, 19
- Peer instruction, 34–35
- Potential, 3, 7–8, 10, 14–15, 30, 54–55, 58–60, 95, 100, 116–117, 134, 141–142, 144, 146, 159–161, 166, 208–209, 215, 224, 230, 235, 237
- Power asymmetry(ies), 100

- Problem solving, 12, 67, 69, 75, 79,  
 81, 112, 173, 217, 276–277  
 Protest occupation(s), 129, 135  
 Qualtrics, 131–133  
 Reality, augmented, 68, 114–115  
 Reflection, 8, 11, 30–31, 54, 56, 61,  
 73, 76, 82, 85, 87, 90–91, 97,  
 113, 164, 171, 181, 208,  
 230, 268  
 Self-authorship, 10–11, 41, 43–44,  
 48–53, 57, 60–62  
 Skill(s), soft, 31, 61, 168  
 Social constructivism, 9, 42, 219  
 Story(ies), 6, 9, 10–12, 46, 51,  
 56–62, 68–69, 73–76, 80, 82, 85,  
 87–89, 92, 96–106, 109–114,  
 116, 129, 142, 154, 184,  
 218–219, 229  
 Storytelling, 3, 5–6, 8, 10–12, 17, 41,  
 43, 53, 55–58, 60–61, 67, 69, 71,  
 73, 75, 77, 79, 81–83, 85–87, 89,  
 91–92, 95, 97–99, 102–105,  
 111–112, 114–116, 121, 144,  
 159, 181, 215, 235, 267, 271  
 digital, 6, 8, 10, 12, 43, 53–62,  
 97–104, 114, 116, 144  
 Student(s), doctoral, 11, 41–62,  
 76, 79  
 SWOT analysis, 160, 165  
 Teaching, 3–6, 8, 10, 12, 14–15,  
 20–21, 24, 31, 34, 41, 44, 46, 50,  
 52, 56, 62, 67, 70–71, 74–75, 80,  
 84, 87, 91–92, 95–97, 100–101,  
 108–109, 116–117, 123, 147,  
 160–161, 163, 168–169,  
 176–177, 183, 186–191, 193,  
 208–209, 215, 218–219, 229,  
 255, 268–275  
 mobile technology(ies) in, 22,  
 24–26  
 Teamwork, 164, 177, 187  
 work in pairs, 152, 160  
 Technology(-ies), 3–15, 17–19,  
 21–28, 31–35, 41–62, 68–70, 75,  
 77–78, 80–81, 87, 91–93,  
 95–117, 124, 131, 133, 136–137,  
 139–140, 141, 144–147,  
 160–167, 169–170, 174,  
 176–178, 182–183, 185, 191,  
 208–209, 216, 228, 236–242,  
 251–252, 255–259, 261,  
 263–265  
 Textbook(s), 23–24  
 cost of, 20, 24  
 Thinking, critical, 8, 12, 27, 61, 69,  
 71–72, 74, 92, 176, 178, 231  
 Transmedia, 3, 9–10, 12, 15, 17, 41,  
 67–77, 79–93, 95, 121, 159, 181,  
 215, 235, 275  
 Udacity.com, 33  
 Understanding, cultural, 14, 232  
 United Nations, 235, 237–240, 245,  
 247, 251, 253–254, 257, 270, 274  
 Video, 3, 5–6, 8, 12–14, 17, 29, 41,  
 43, 56, 67, 69–70, 77, 81, 87–88,  
 92, 95, 97–98, 103–104,  
 107–109, 115–116, 121, 144,  
 159–161, 167, 175, 178,  
 181–187, 189–191, 193, 195,  
 197, 199–201, 203, 205,  
 207–208, 215, 219, 221, 226,  
 235–236, 239–242, 255, 258,  
 263, 271  
 student-produced, 188

- teacher-produced, 189
- uploading, 191, 208
- Videoconferencing, 3, 14–15, 17, 41, 67, 95, 121, 159, 161, 181, 215, 235–243, 245–265, 270
- international, 14–15, 246, 248, 257, 261–264
- Virtual classroom project(s), 170
- Web 2.0, 102–103, 215–218, 220, 228, 231
- Writing, academic, 144
- Yammer, 29, 31