

## INDEX

- Academy mathematics Inspector 205, 207, 225
- ‘Accompanied practice’ *stage (stage de pratique accompagnée)* 226
- action-research project 39, 85, 90, 286, 291
- activity class (*huodong ke*) 20, 29
- advice and guidance co-ordinators 153, 156-158, 169, 171, 173, 174, 176-181, 184, 325, 327, 344, 370
- advice and guidance programs 146, 148, 157, 169, 180, 183, 184, 189, 369
- after-school school or cram school (*juku*) 267
- AG program, *see* advice and guidance programs
- Agrégation* 203, 209, 215, 218, 245, 255, 259, 260, 315, 316, 370, 372
- alignment of college science with school science 151
- Asia-Pacific Economic Co-operation (APEC) 10
- application text (*texte d’application*) 317
- Auckland College of Education (ACE) 149-152, 154, 165., 192, 345
- Auckland University program 149, 150
- Baccalauréat* 100, 210, 213, 214, 221
- backbone teacher (*gugan laoshi*) 24, 31
- Bancel Commission of 1989 331
- Begleiter* 110
- Bern canton 121 Bern University 94, 100, 131, 139-40, 342, 368
- Berufseinführung* 16, 83, 202, 297
- Bildung* 14
- bi-weekly after-school meetings 143, 144
- buddy teacher 142, 157, 169, 171, 175-177, 185, 192, 297, 298, 320, 325, 354
- Canton-mandated counselors 85
- CAPES examination 210, 215-218, 241, 247, 259, 260, 315, 347
- class advisory meeting (*conseil de classe*) 199
- class director (*banzhuren*) 14, 20, 31, 32, 38, 47, 59, 66, 70, 340
- class meeting (*banhui*) 20, 66, 67
- classroom management 38, 111, 135, 142, 143, 167, 171, 174, 175, 177-179, 197, 228, 229, 276, 278, 285, 308 College of Education: Research Section (*jiaoyanshi*) 76
- College of Education: Teaching Program Office (*jiaowuchu*) 76
- College of Education: Teaching Section (*peixunbu*) 76
- Conference of Cantonal Education Leaders 132, 383
- Cornu-Brilhaut report 247
- culture of schools 26, 298, 309, 310
- culture of teaching 20, 49, 66, 69, 295, 297-299, 310, 337
- curricular burden on beginning teachers 187
- curriculum of induction 6, 8, 19, 240, 244, 298, 318, 375
- department heads 16, 142, 144, 153, 155, 157, 159, 161, 165-167, 169-172, 176, 178, 180-182, 185, 187-190, 317, 320, 344
- development programs 7, 28, 293, 315
- didactics 84-86, 91, 94-96, 99-102, 104, 114, 117, 122, 124, 125, 132, 137-140, 250, 302, 304, 305, 341, 342, 355, 367, 368
- didactics classes 84, 95, 96, 100, 114, 341, 342
- didactics courses 91, 95, 96, 101, 102, 125, 342, 355, 368
- didactics teachers 84, 104, 124, 138, 342
- didactique* 313
- Didactique des mathématiques* 228, 240, 241, 243, 244, 259, 326, 348, 373
- difficult points (*nandian*) 24, 35-37, 41, 51, 54, 55, 58, 60, 62, 313, 335, 364
- district-level mentors 45, 74, 75, 367
- East China Normal University 33, 34, 77, 81

- education for entering the profession  
(*ruzhijiaoyu*) 25
- Education Review Office (ERO) 148,  
149, 157, 158, 163, 165
- educational policy 10, 12, 81, 262, 364
- enculturation into the teaching profession  
310
- examination panel 195, 363
- experiential imitation (*jinyanxing de  
mofang*) 71
- extra-curricular roles 152, 154
- facilitated peer support meeting 178,  
180, 183
- field experience 99, 270
- financial incentive/salary 155, 191
- formal/informal observations 170, 174-  
176
- formateurs* 16, 197, 198, 200-202, 204-  
206, 209, 211, 212, 215, 222, 224-  
229, 232-235, 240-242, 244, 245,  
248-250, 252, 253, 255, 259, 260,  
297, 347-350, 363, 373
- formation* 14, 15, 18, 108, 121, 163, 194,  
197, 200-208, 210-212, 214, 217,  
219, 222, 224, 226, 229, 231-238,  
240, 241, 243-257, 259, 266, 297,  
314, 324, 326, 333, 347-349, 355,  
357, 358, 360, 371, 373, 374
- French education system 204, 207, 247
- General Inspectorate 207, 245, 371
- German-speaking cantons (Bern,  
Lucerne, Zurich) 15, 92, 93, 112,  
113, 333, 341, 368
- goals for induction 2, 40, 46, 304, 319
- Graduate diploma programs in secondary  
teaching 149
- group life (*shudan seikatsu*) 266
- guiding teacher (*zhidao laoshi*) 288
- Gymnasium* 86, 92-94, 100-102, 104-  
106, 113, 117, 121, 126-128, 130-  
132, 137, 138, 140, 331, 342, 343,  
352, 353, 374
- head of department (HOD) 155, 170,  
176, 177
- hinge points (*guanjian*) 35, 377
- home visits, enhancing 276
- homeroom duties 174, 178, 180, 287
- important points (*zhongdian*) 35, 51, 305
- individual counseling 111, 114, 115,  
121, 122, 135, 316, 356
- individual *Standortbestimmung* 115,  
119, 133
- induction as a developmental phase 111
- induction as complex systems:  
articulation and co-ordination 327
- induction as period of time 4
- induction curriculum 319
- induction policies 6, 8, 11, 16, 25, 26,  
29, 32, 69, 70, 72, 74, 80, 138, 149,  
158, 182, 193, 299, 317, 330, 340,  
341, 344
- induction providers 2, 16, 38, 145, 324,  
327, 328, 345
- induction responsibilities 137, 317, 355
- induction services 16, 94, 122, 132, 136,  
137, 173, 298, 355, 382
- induction support 38, 70, 76, 122, 126,  
134, 158, 173, 307, 345
- induction system 2, 5-7, 10, 14, 16, 18,  
25, 32, 81, 115, 137, 138, 155, 191,  
195, 247, 250, 265, 299, 301, 314,  
325, 327, 328, 330, 331
- induction year 25, 68, 75, 170, 272, 287,  
289, 291, 292, 307, 308, 315, 321,  
323
- induction, dictionary definitions of 332
- initial *formation* 202, 211, 212, 232,  
250-252, 254, 255, 257, 259, 314
- initial teaching conditions 2, 185, 190
- in-school competitions 41
- in-school teacher education  
(*konaikenshu*) 270
- in-service center 261, 262, 265, 276-  
278, 282, 283, 289, 290, 293, 294,  
349
- in-service education 77, 201, 263, 293,  
295, 314
- Inspectorate 110, 113, 118, 120, 121,  
203, 206, 207, 210, 221, 245, 250,  
257, 258, 260, 301, 317, 331, 354
- inter-cantonal guidelines for induction  
113, 341
- IUFM *formateurs* 198, 209, 222, 224-  
226, 229, 233-235, 242, 247, 249,  
253, 347-349, 373

- IUFM system 206, 211, 236, 244, 245, 254, 331  
IUFM, place and role 210  
IUFM-based and school-based tasks 231
- Japan Teacher Union (JTU) 294, 295  
Japanese Ministry of Education, Science, Sports and Culture 262, 300, 316, 374  
job allocation (*fenpei*) 34
- Kumamoto Prefecture 286
- laboratory (lab) technician 141, 142, 164, 166, 167, 169, 172, 190, 331, 344  
lesson planning 36, 38, 50, 98, 102, 111, 133, 135, 188, 305, 308  
lesson preparation group (*beikezu*) 21, 23, 37, 40, 42, 47, 51, 9, 69, 61, 66, 339  
Lucerne induction system 115  
*lycée* 198, 199, 203, 205, 209, 216, 217, 221, 227, 228, 235, 239, 241, 242, 245, 249, 255, 347, 348, 370, 72
- master (*maître de stage*) 35, 46, 201, 320  
mathematical teaching culture 195  
mathematicians 122, 214, 216, 229, 242, 255, 324, 331  
mathematics education 9, 35, 51, 56-58, 61, 75, 197, 198, 243, 313, 334, 338, 340, 347  
mathematics inspectors 205, 207, 216, 221, 222, 225, 245  
mathematics reform in Shanghai 24  
mathematics *stagiaires* 197-199, 206, 213, 221, 206, 213, 219, 221, 223-225, 227, 234, 235, 236, 241, 308, 347, 372  
Mathematics Teachers Association (APMEP) 311  
mathematics teaching 6, 18, 21, 44, 50, 55-58, 67, 75, 197, 206, 220, 221, 236, 251, 297, 304, 309, 338, 340, 342  
memoir director 234, 359  
memoir seminars 311, 348, 358, 359  
mentoring 1, 5, 30, 32, 39, 41, 43, 47, 66, 70-74, 83, 111, 113, 117, 126, 127, 129, 131-134, 170, 191, 273, 282, 319, 320, 327, 337, 352, 353, 365, 367  
mentors 1, 2, 12, 13, 19, 23-25, 31, 38, 41, 42, 46, 48, 49, 63, 66, 70, 71, 73-75, 78, 84, 100, 117, 126-129, 132, 168-170, 183, 196, 224, 275, 279, 282, 287, 312, 21, 322, 325, 342, 343  
middle grades 16, 18, 93, 105, 145, 187, 188, 305, 307  
middle school 83, 92, 94, 102, 105, 106, 127, 340, 365  
middle-school (*Mittelschule*) teachers 85, 94, 95, 104, 105, 114, 125, 343, 355  
Ministry of Education 92, 154, 159, 162, 187, 203, 205, 206, 212, 217, 222, 225, 236, 237, 244, 248, 249, 252, 317, 328, 331, 338, 344, 347, 369  
Ministry of Education in China 33  
Ministry of Education in France 204  
Ministry of Education in Japan 262, 300, 316, 374  
Ministry of Education in New Zealand 146, 148  
*Mittelschule* 16, 92, 94  
Miyazaki Prefecture 277, 282, 285, 288, 349  
Monbusho 262, 266, 267, 270-276, 289, 291, 293-295, 349, 374  
moral education 265, 266, 268, 276-278  
multiple providers 324, 325, 329  
multiple stakeholders 25, 69, 71
- national curriculum standards for science 186, 346  
national induction policy and guidance 149, 158, 193, 344, 345  
National Science Curriculum 151, 162, 193, 344, 345  
national teacher conferences 175, 181  
new teacher training (*xin laoshi peixun*) 27, 113, 219  
New Zealand education system 146, 158, 192, 379  
North American assumptions 5

- North American dichotomy of 'pre-service' and 'in-service' education 200
- North American teacher education programs 268
- open lessons 60, 61, 63
- paid release time 153, 154, 156, 158, 191
- pastoral responsibilities 180
- pedagogic advisor (*conseiller pédagogique*) 196, 199, 200, 206, 208, 209, 220-226, 230, 234, 235, 238, 239, 241, 247, 248, 252, 253, 255, 260, 297, 307, 309, 320, 321, 325, 347, 359, 361, 372
- pedagogical content(s) knowledge 36, 46, 152, 304
- pedagogical strategies for science teaching 173, 302, 306, 314, 324, 334
- peer observation 39, 312, 320
- peer support 169, 174, 175, 178-180, 183, 191, 320
- peer-support meetings 174, 178, 183
- performance management system 160, 186, 346
- personal support 309, 310
- Philosophy I 84, 94, 124
- Philosophy II 84, 94, 95, 105, 124
- physical education 29, 120, 265, 266, 272, 277
- 'PLC1' year 213, 218, 235, 254, 255, 259
- 'PLC2' year 213, 214, 229, 236, 259, 383
- 'PLC3' year 247, 256
- Post-Primary Teachers' Association (PPTA) 147, 153, 155, 158, 159, 187, 191, 193, 344
- practice group leaders 103, 104, 113, 114, 116, 119, 139, 140, 326, 343, 351, 352, 368, 374
- practice groups 83, 87, 106, 111-119, 121, 124, 130-136, 138, 139, 301, 309, 310, 316, 319-323, 328, 329, 341, 343, 344, 351-354, 367
- practice teaching experiences 84, 151, 314
- practice-teaching sessions 84, 99, 151
- preparation class (*yubeiban*) 28
- pre-service education 17, 22, 26, 31-36, 76, 94, 110-112, 119, 123, 134, 137, 139, 150, 255, 274, 297, 303-305, 307, 316, 334, 355, 366, 374
- principal 23, 38, 67, 68, 127, 130, 152, 154, 159, 175, 178, 209, 221, 225, 253, 261, 262, 269, 274-276, 279-281, 283, 286, 287, 295, 309, 317
- private schools 148, 158, 272, 370
- process of enculturation 3, 323
- professional development activities 104, 339, 340
- professional development centers 193, 339
- professional development course 75, 138
- professional development institutions 112, 355
- professional development opportunities 120, 170, 181, 292
- professional development programs 7, 28, 171, 293, 315
- professional development services 147, 191, 344
- professional ethics 30, 32
- professional knowledge 45, 59, 67, 159, 160, 202, 250
- professional memoir (*le mémoire professionnel*) 195, 197, 198, 200, 202, 204, 209, 219, 220, 228, 230-234, 240, 241, 243, 246, 251, 258, 306, 311, 320-322, 347, 3348, 357-360, 373
- professional practice 45, 159, 184, 201, 229, 231, 256, 313, 358
- professional schools 93, 104, 334
- program evaluation 97, 98, 158, 293, 352
- Prorector* 127, 375
- prospective teacher 5, 7, 17, 32, 35, 96, 99-104, 147, 151-154, 188, 189, 306
- providers 2, 4, 12, 16, 34, 35, 38, 46, 48, 79, 145, 157, 168, 169, 172, 174, 180, 181, 185, 192, 250, 300, 309, 320, 321, 324, 325, 327-329, 333, 335, 337, 345, 370
- provisionally registered teacher (PRT) 148, 158, 170, 184, 189
- public conversation 41, 50, 58, 59, 62, 63, 66

- public lesson (*gongkaike*) 40, 45, 47, 62, 65-67, 263, 286, 305, 306, 311, 312, 365, 367, 374
- Pudong district 73, 75
- pupil's homework 49, 63, 197, 199
- pupil's motivation 143, 160
- qualification (*zige zhengshu*) 203, 204, 206, 210, 259, 271, 272, 280
- quality education (*suzhi jiaoyu*) 55, 56
- Realschule* 342
- rector 205, 207, 208, 212
- regional pedagogic inspectors for mathematics (IPR) 196, 207, 208, 221, 348, 349, 371, 372, 383
- regional science advisors 169, 173, 177
- regional workshops for beginning science teachers 146, 157
- Reims Academy 357
- replacement teacher 208, 209, 372
- report lesson (*huibaoke*) 39, 48, 66, 67, 73, 367
- Research Institute on the Teaching of Mathematics (IREM) 202, 242
- school administrators 12, 36, 67, 148, 185
- school board 92, 110-112, 125, 150, 273, 317, 328
- school certificate exams 147, 152
- school education 94, 205, 209, 237
- school leadership 112, 113, 120, 121
- school science courses 149, 152, 161, 186
- school science curricula 145, 188
- science methods courses 151, 268, 345
- science classroom 98, 164, 166
- science courses 142-145, 150, 152, 161, 163-167, 182, 186, 187, 188, 305, 369
- science education 9, 123, 166, 182, 350, 369
- science preparation 150, 323
- science teaching 6, 10, 18, 157, 166, 301, 332, 345
- second-year teachers 24, 144, 154, 156-158, 168, 171, 180, 182-184, 239, 287, 370
- self-reflection 62, 119, 122
- Shanghai Academy of Educational Sciences 340
- Shanghai Municipal Education Commission 328, 365
- Shanghai Teachers' University 22, 33-36, 50, 81
- Shanghai's formal induction policy 29, 32, 69, 330
- Shanghai's Municipal Education Commission 328
- Shanghai's teacher competition 41, 43, 46, 66, 67, 70, 313, 319, 339
- socio-economic levels of the pupil 145, 151, 245, 369
- Songjiang district 73, 74
- stage* 15, 201, 202, 219, 221, 222, 226, 227, 231, 255, 260, 371, 372
- stagiaire* teachers 4, 194-196, 200, 208-212, 213-225, 231-239, 241-243, 249-251, 255-259, 266, 296, 302, 308, 309, 331, 338, 347, 370, 373
- stagiaire* week 219, 220
- stagiaire's* stage en responsabilité 220-222, 224, 231, 233, 255, 347
- Standortbestimmung* 15, 112, 113, 115, 118-120, 122, 127, 132, 139, 321, 330, 343, 352, 354
- Standortbestimmungen* and practice groups in Switzerland 15, 112, 115, 118-120, 122, 127, 132, 133, 139, 319, 321, 330, 341, 343, 352, 354
- student teachers 100-102, 125, 126, 131, 132, 134, 151, 158, 254, 269, 270, 275, 307, 314, 342
- student teaching 7, 22, 81, 100, 125, 131, 136, 263, 268-270, 287, 316, 346
- subject-matter preparation 34, 95, 314
- substitute teacher 15, 87, 118, 125, 137, 144, 159, 181, 318, 342, 353
- success education (*chenggong jiaoyu*) 75
- subject-matter mentor 38, 74
- supervision 124, 131, 158, 201, 330, 374
- support programs 146-148, 152, 153, 156-159, 183, 184, 189, 191, 370
- support providers 157, 168, 169, 174, 177, 180, 181, 185, 192, 309, 320, 321, 325, 370
- Swiss cantons 109, 113, 133, 138, 301, 329, 344, 368



<http://www.springer.com/978-1-4020-1148-1>

Comprehensive Teacher Induction  
Systems for Early Career Learning

Britton, E.D.; Paine, L.; Raizen, S.

2003, XIV, 404 p., Softcover

ISBN: 978-1-4020-1148-1