Index

abilities, ability and, 90–91, 248, 292
action research project, 119–20, 126
CHAT and, 119–20
actions, in school interventions, 89–92
activity settings, 247, 249, 257
activity systems, 65, 74, 180, 230–31
Africa. See South Africa
agency. See also relational agency
of client, 14
distributed, 144
double stimulation and, 60
objective, 144
personal, 144
rational, 216–17
annual clock, as relational agency tool, 168
apartheid, 114–16, 125–26
architecture, epistemic. See also Galaxy Zoo
project
defined, 283
relational expertise and, 287–88
artefacts/artifacts. See also iPads
auxiliary, 230, 232–33, 240–45
as cultural forces, 231
non-human, 243
object-motives and, 240–41
relational agency and, 239–41
in school interventions, 66
tools, 169
Australia
DET in, 213
IIP in
analysis of, 216–17
background for, 213
data sources for, 215–16
professional learning programs in, 214–15
rational agency and, 216–17, 219–20
sample population for, 213–14
RAF in, 210–13, 223–25
auxiliary artefacts, 230, 232–33, 240
double stimulation and, 232–33
as tools, 241–44
Bottom of the Pyramid (BoP) initiatives
collaboration within, 193
MNCs and, 191–92
poverty reduction strategies for, 206–7
boundary crossing
relational agency and, 59
researchers and, 244
boundary spanners, 125–27
Bozalek, Viv
Brandom, R., 107–9
Bruner, J., 97, 111, 176
Chaiklin, S., 269
color, 144, 175
CHAT. See cultural historical activity theory
Child Life Specialists. See hospital play
specialists
Child Life Therapists. See hospital play
specialists
child protection (CP), 156
childhood. See early childhood
children
reshaping of trajectories of, 4–5
transition to kindergarten
expectations connected to, 248–49
preparations for, 249–50
principles and core concepts for, 258, 260–61
Chile
public education in
crisis in, 79–80
under SEP, 81
school interventions in
actions in, 89–92
alignment of motives in, 89–92
Index

Chile (cont.)
case studies, 81–89
common knowledge development, 88–89, 91
relational agency in, 88
relational expertise development in, 83–87
values influenced through, 89–92
school principals in, 80–81
SES segregation in, 80
SIMCE in, 81
citizen science, 288–89
relational expertise and, 290–91
clients
agency of, 14
contribution of, value of, 13–14
professionalism of, 14
collaboration, 28, 30–31
Cole, M., 63, 97, 156, 230, 300–1
reflexive, 7

relational expertise and, 12
relational agency in, 88
relational expertise in, 88–89
relational expertise as collaborative tools, 159–61, 168

defined, 299
interaction problems, 159
professional, 156–57, 159–61, 167
relational
in networks, 303–6
in professions, 299–303
in research, 306–8
in service networks, 159–61
space of reasons, 98, 107–9

collaboration
within BoP initiatives, 193
across boundaries, 7
co-configuration and, 28
common knowledge and, 10–31
cross-functional practice scripts and, 165
culture and, 97
forms of, 2
in inter-agency work, 83, 210
in inter-professional work, 2
poverty reduction strategies through, 206–7
professional concepts and, 156–57, 159–61, 167
in service networks, 159–61, 168–69
collective expertise, 212
collective intentionality, in school communities, 106–7
common knowledge, 7–12
alignment within families and, 37
collaborations and, 10–11
collective intentionality and, 106–7
culture and, 97–98
for daycare professionals, 261
defined, 9, 198
development of, 10
dialectical engagement with parents and school communities, 99–100
in DWR, 237–39
flexible pedagogy, 127
in FPM, 31
in FPM, 31
Galaxy Zoo project and, 287–93
meaning and, 197–98
in multidisciplinary networks, 209–10
normative moral commitment and, 110–11
in practice, development of, 120–22
problem solving through, 107
in professional work, 12–13
relational agency and, 46
relational expertise and, 120–22, 194, 197–202, 270
in school communities, 100–2, 106
in school interventions, 88–89, 91
space of reasons and, 98
through teacher-parent meetings, 102–5
in TECS-model, 235
“what matters” and, 98, 270, 301–2
concepts
as collaborative tools, 159–61, 168
defined, 299
interaction problems, 159
professional, 156–57, 159–61, 167
relational
in networks, 303–6
in professions, 299–303
in research, 306–8
in service networks, 159–61
space of reasons, 98, 107–9

collaborative tools, 3
for PRA, 121–2

contradictions, 107
co-ordination interfaces, 164–65, 167
CP. See child protection
Criminal Sanctions Agency (CSA), 157
cross-functional practice scripts, 163
CSA. See Criminal Sanctions Agency
cultural historical activity theory (CHAT), 25–26
action research and, 119–20, 126–27
in elementary schools, 62–64
FPM and, 29–32
object of activity in, 61
partnership models influenced by, 38
for professional learning, 173
relationship between tools in, 154–55
resilience and, 27

cultural-historical approach
to knowledge work, 13
to motive, 4
pedagogical development through, 127
to schooling, 97–98
culture
for professional learning, 173

community and, 97

collaboration and, 97
common knowledge and, 97–98
ethnographic study of, 230
forms of practice influenced by, 55
individual in, 97
origins of tools and, 3
schooling and, 97–98, 106–7
sociogenesis of individual mind and, 97
technology as force in, 231–32

Daniels, H., 28–29, 35, 177
Danish psychologists, 12. See also Denmark
data collection methods, 148
<table>
<thead>
<tr>
<th>Index</th>
<th>313</th>
</tr>
</thead>
<tbody>
<tr>
<td>England. See also Oxford Department of Education; Oxford Education Deanery study</td>
<td></td>
</tr>
<tr>
<td>DCS in, 35–36</td>
<td></td>
</tr>
<tr>
<td>ITE policy in, 174–75</td>
<td></td>
</tr>
<tr>
<td>epistemic architecture. See also Galaxy Zoo project</td>
<td></td>
</tr>
<tr>
<td>defined, 283</td>
<td></td>
</tr>
<tr>
<td>relational expertise and, 287–88</td>
<td></td>
</tr>
<tr>
<td>event schemas, 156</td>
<td></td>
</tr>
<tr>
<td>expansive learning</td>
<td></td>
</tr>
<tr>
<td>activity theory and, 154–55</td>
<td></td>
</tr>
<tr>
<td>for professionals, 164–65</td>
<td></td>
</tr>
<tr>
<td>relational agency and, 59–60</td>
<td></td>
</tr>
<tr>
<td>resilience and, 27</td>
<td></td>
</tr>
<tr>
<td>experienced non-experts, 137</td>
<td></td>
</tr>
<tr>
<td>expertise. See also networked expertise; relational expertise collective, 212</td>
<td></td>
</tr>
<tr>
<td>defined, 28–29</td>
<td></td>
</tr>
<tr>
<td>distributed, 106</td>
<td></td>
</tr>
<tr>
<td>domain, 136</td>
<td></td>
</tr>
<tr>
<td>enacting of, 3–4</td>
<td></td>
</tr>
<tr>
<td>leadership and, 14–16</td>
<td></td>
</tr>
<tr>
<td>as networked phenomenon, 135–38</td>
<td></td>
</tr>
<tr>
<td>in organizations, 14–16</td>
<td></td>
</tr>
<tr>
<td>professional practices and, 28–29, 36–37</td>
<td></td>
</tr>
<tr>
<td>relational approach to, 28–29</td>
<td></td>
</tr>
<tr>
<td>as relational phenomenon, 135–38</td>
<td></td>
</tr>
<tr>
<td>expert-led partnership model, 38</td>
<td></td>
</tr>
<tr>
<td>experts, networks for, 141–42</td>
<td></td>
</tr>
<tr>
<td>families. See also children; parents</td>
<td></td>
</tr>
<tr>
<td>common knowledge and, alignment through, 37</td>
<td></td>
</tr>
<tr>
<td>intra-mediation of, 35–36</td>
<td></td>
</tr>
<tr>
<td>professional partnerships with, 34–39</td>
<td></td>
</tr>
<tr>
<td>relational expertise and, alignment through, 37</td>
<td></td>
</tr>
<tr>
<td>Family Partnership Model (FPM), 25–26</td>
<td></td>
</tr>
<tr>
<td>case study, 32–34</td>
<td></td>
</tr>
<tr>
<td>from CHAT perspective, 29–32</td>
<td></td>
</tr>
<tr>
<td>common knowledge in, 31</td>
<td></td>
</tr>
<tr>
<td>development of, 29–30</td>
<td></td>
</tr>
<tr>
<td>developmental trajectories in, 31</td>
<td></td>
</tr>
<tr>
<td>outcomes for, 30</td>
<td></td>
</tr>
<tr>
<td>partnerships in, 37–39</td>
<td></td>
</tr>
<tr>
<td>relational agency and, 31</td>
<td></td>
</tr>
<tr>
<td>relational expertise and, 30</td>
<td></td>
</tr>
<tr>
<td>research on, 30</td>
<td></td>
</tr>
<tr>
<td>resilience and, 27–28</td>
<td></td>
</tr>
<tr>
<td>ZPD and, 42</td>
<td></td>
</tr>
<tr>
<td>Fifth Dimension method double stimulation and, 74</td>
<td></td>
</tr>
<tr>
<td>for fractions, 69–73</td>
<td></td>
</tr>
<tr>
<td>indirect method and, 64–65</td>
<td></td>
</tr>
<tr>
<td>relational agency and, 63–69, 74</td>
<td></td>
</tr>
</tbody>
</table>
Index

Finland
rail traffic control in, 158, 160
standardization in, 163–64
technology consulting services in, 158, 160
wellbeing in global corporations in, 158–60

firms. See Bottom of the Pyramid initiatives;
multi-national corporations
flexible learning, institutional policy on, 122–25
flexible learning and teaching provision (FLTP) projects, 114
flexible pedagogy, 127
flexible teaching, 122–25
Foodco case study, 198–202
assessment of, 201–2
common knowledge in, 201
eco-system of actors in, 198–201
governance mechanisms in, 201
NGO partnerships in, 199–201
social capital and, 201–2
formative interventions, 58–60, 74
in schools, 62–64

FPM. See Family Partnership Model
fractions. Fifth Dimension method for, 69–73

Galaxy Zoo project
common knowledge and, 287–93
development of, 284–85
ethnographic study of, 286
purpose of, 284
relational expertise and, 287–93

genesis. See instrumental genesis

HBUs. See historically black universities
Health Play Specialists. See hospital play specialists
Hedegaard, M., 6–7, 97–98
heterogeneous networks, 142
historically black universities (HBUs), 115
apartheid and, 125–26
historically white universities (HWUs), 115
horizontal learning, 59
horizontal pedagogy, in school interventions, 67–68
hospital play specialists (HPSs), 43–44
background of, 45
case study, 47–54
objects of activity and, 45–46
pedagogy and, 45
professional work of, 44–46
relational agency and, 43–44, 46–47
tool mediation by, 54
"what matters" for, 50
HPSs. See hospital play specialists
HVCs. See hybrid value chains
HWUs. See historically white universities
hybrid value chains (HVCs). See also Foodco case study
economic value and, 205
MNCs and, 192
NGOs and, 192
social value and, 205
hybridity, relational agency and, 59

identity, through “what matters,” 4
IIP. See Inquiry into Implementation Project
impact of educational research, 267
knowledge exchange and, 265–69, 273–74
research, in social sciences, 272–76
indirect impact, 268–69
indirect method, 64–65
initial teacher education (ITE), 172–75
in England, 174–75
motives in, 175–76, 180
narratives and, 176–78
objects of activity and, 176
in OUDE, 173

Inquiry into Implementation Project (IIP), 213–17
rational agency and, 216–17
relational agency and, 216–17, 219–20
institutional approach, 7, 15, 78, 91
to flexible learning, 122–25
to teaching, 122–25
institutional research, 116
institutions. See also schools
knowledge-laden practices in, 240
in South Africa, for higher education, 113–16
instrumental genesis, 154–55
transformation of tools and, 155
instrumental knowledge, 123
integrated pedagogy, 250
interactions in collective activities, 231
problems in, 159
inter-agency work, 28
collaborations in, 83, 210
I LIW study, 25–26
inter-professional work, collaboration in, 2, 96, 176–78

iPads
cultural force of, 238–39
Danish use of, 242
learning with, 242
in TECS-model, 233–37
Italy, school interventions in artifacts in, 66
Fifth Dimension method in, 63–69
horizontal pedagogy in, 67–68
object of activity in, 67–68
vertical pedagogy in, 67–68
ITE. See initial teacher education
Index

kindergarten, 247, 264
integrated pedagogy in, 250
learning goals for, 249
practice developing research project, 250–59
meeting sessions, 252
phases of, 252–59
preparing children for, 249–50
principles and core concepts for, 258, 260–61
as transition, expectations connected to, 248–49
knowledge. See also common knowledge
instrumental, 123
mobilization, 121–22, 164
partnerships and, 39
possibility, 74
through practice, 3–4
reflexive, 123
knowledge creation, 142–45
knowledge exchange, 265
impact and, 265–69, 273–74
stages of, 277–78
knowledge work
   cultural-historical approach to, 13
   professional work as, 12–13
leadership
   expertise and, 14–16
   resourceful, 122, 127
   of school principals, 90–91
   as social influence process, 78
learners, 7
learning
   asymmetric, 164–65
   expansive, 27, 59–60
   fractions, 69–73
   horizontal, 59
   with iPads, 242
   poverty reduction strategies through, 206–7
   vertical, 67–68
Learning Economy, 8
Learning in and for Inter-agency Working (LIW) study, 25–26
learning networks, 137–38
Leont’v, A. N., 2
on dialectic, 5
on motivated actions, 6
on object of activity, 5–6, 45–46, 61–62
on object-motive, 4, 230–31, 233
LIW study. See Learning in and for Inter-agency Working study
material resources, 61, 122, 271, 301
meanings, 8–9, 30, 159, 175–76
common knowledge and, 197–98
sensemaking and, 177
specialist, 218–19
mediation
   of families, 35–36
   in Fifth Dimension method, 63
   by HPSs, 54
methodology
   indirect method, 64–65
   for Oxford Education Deanery study, 578–79
   for relational agency, 64–65
mirror data, 236–37, 240
MNCs. See multi-national corporations
motive, motives and. See also object-motive
alignment of
   relational agency and, 48–52
   in school interventions, 89–92
   cultural-historical approach to, 4
   double stimulation and, 60
in ITE, 175–76, 180
Leont’v on, 6
object of activity and, 61
in OUDE, differences in, 175–76
re-narration of, 181–83
sensemaking narratives and, 179–80
what matters compared to, 4
multidisciplinary networks
collective expertise in, 212
common knowledge in, 209–10
IIP and, 213–17
relational agency and, 216–17, 219–20
relational agency in, 219–22, 224
relational expertise in, 209–10
shared professional language within,
   218–19
"what matters" in, 218–19
multi-national corporations (MNCs), 191–92.
See also Foodco case study
BoP initiatives and, 191–92
NGO partnerships with, 191, 193, 197
poverty reduction strategies for, 206–7
Munk, Kasper, 250
mutuality, 194
narratives
   in inter-professional collaboration, 176–78
   in organizations, recognition of, 176–78
   in relational agency, 43–52
   for schools, in Chile, 88, 91
   sensegiving and, 177, 183–85
   sensemaking and, 177
   in service networks, 161–62, 168
National Qualifications Framework (NQF), 118–19
Network for Ethnological Monitoring and Early Warning (EAWARN), 154–55
Index

network scripts, 155
networked expertise
historical development of, 133
by profession, 134
scope of, 133–34
networks, networking and. See also
  multidisciplinary networks; service
  networks
development of tools and, 166
heterogeneous, 142
relational agency through, 138–39, 153
relational concepts in, 303–6
shared learning, 137–38
SSDF, 156–57
non-governmental organizations (NGOs)
in Foodco case study, 199–201
HVCs and, 192
MNC partnerships with, 191, 193, 197
poverty reduction strategies for, 206–7
non-human artefacts, 243
novice professionals, 141–42
NQF. See National Qualifications Framework

object of activity, 4, 61–62
in CHAT, 61
dialectic of, 5
interventions in elementary schools, 62–64
ITE and, 176
Leont’ev on, 5–6, 45–46
motive and, 61
relationality in, 61
in school interventions, 67–68
teachers and, in school interventions,
  68–69
objective agency, 144
object-motive, 4, 230–31
artefacts and, 240–41
in DWR, 233
organizations. See also non-governmental
  organizations
expertise in, 14–16
narratives in, recognition of, 176–78
Oxford Department of Education (OUIDE),
ITE and, 173
Oxford Education Deanery study
data collection methods for, 178–79
motives and, 175–76
narratives for, 176–78
sensegiving in, 178–79, 183–85
sensemaking in, 178–80

parents, parenting and. See also Family
  Partnership Model
dialectical engagement with schools,
  99–100
practice in partnership and, 34–37
professional relationships with, 34–37

resilience in, 26–28, 35
teacher-parent meetings and, common
knowledge through, 102–5, 109–10
participatory research approach (PRA),
  119–20
critical conceptual tools for, 121–22
partnerships
CHAT-informed models, 38
expert-led models, 38
in FPM, 37–39
knowledge and, 39
practice in, with parents, 34–37
between professional and families, 34–39
pedagogy
cultural-historical approach to, 127
defined, 25
flexible, 127
horizontal, 67–68
integrated, 250
of play, 45
vertical, 67–68

person in activity, 4
dialectic of, 5
personal agency, 144
planes of analysis, 6
play, pedagogy of, 45
play specialist. See hospital play specialist
possibility knowledge, 74
poverty reduction strategies, 206–7
power, relational agency and, 54–56
PRA. See participatory research approach
practice, practices and
common knowledge in, 120–22
culturally distinctive forms of, 55
defined, 3–4
as knowledge-laden, 3–4
in partnerships, with parents, 34–37
relational agency in, 120–22
relational expertise in, 120–22
tool use and, 3–7

Practice Developing Research project, 250–59
meeting sessions, 252
phases of, 252–59
practitioners. See practice, practices and;
professional
Preferential Subsidy Law (SEP), 81
principals. See school principals
professional concepts, 156–57, 159–61, 167
professional expertise
expansive learning for, 164–65
relational agency and, 36–37
social practice theories and, 136
professional learning
CHAT for, 173
in IIP, 224–25
professional work and practices
expertise and, 28–29, 36–37
of HPSs, 44–46
as knowledge work, 12–13
relational challenges in, 141–42
relational engagement and, 140–41
professionalism
of clients, 14
defined, 16
professionals
in communities, 135–36
as experienced non-experts, 137
novice, 141–42
partnerships with families, 34–39
relational engagement among newcomers, 139–41
professions
networked expertise for, 134
relational concepts in, 299–303
public education, in Chile
as crisis, 79–80
SES segregation in, 80
RAF. See Relational Agency Framework
rail traffic control, 158, 160
standardization in, 163–64
recognition of prior learning (RPL), 113–14
reflection, resilience and, 27
reflective exchange, 163
reflective negotiations, 107
reflective knowledge, 123
relational agency, 7–12, 59–60
alignment of motives and, 48–52
annual clock and, 168
artefacts and, 239–41
in Australia, 210–13
boundary crossing and, 59
in Chile school interventions, 88
common knowledge and, 46, 120–22
in current networks, 153
data collection methods for, 148
data on, 64–65
defined, 59
development of, 47–44, 48–54, 210–13
expansive learning and, 59–60
Fifth Dimension method and, 63–69, 74
FPM and, 31
historically accumulating norms and, 52–54
horizontal learning and, 59
hybridity and, 59
HP and, 216–17, 219–20
instrumental genesis and, 154–55
knowledge creation and, 142–45
methodology for, 64–65
multi-actor space of, 65–69
in multidisciplinary networks, 219–22, 224
narratives in, 48–52
negotiation of power and, 54–56
through network brokering, 138–39
in practice, development of, 120–22
professional expertise and, 36–37
in RAF, 210–13
relational expertise and, 230
in service networks, 159–65, 169
syncretism and, 59
TECS-model and, 235
tool development and, 169
Relational Agency Framework (RAF)
conceptual development of, 210, 223–25
relational agency in, 210–13
relational approach
to expertise, 28–29
in object of activity, 61
relational expertise, 7–12
alignment within families and, 37
citizen science and, 290–91
common knowledge and, 120–22, 194, 197–202, 270
data collection methods for, 148
defined, 8
in DWR, 231–33
epistemic architecture and, 287–88
FPM and, 30
Galaxy Zoo project and, 287–93
historical examination of, 134
through learning networks, 137–38
in multidisciplinary networks, 209–10
in practice, development of, 120–22
within professional communities, 135–36
relational agency and, 230
in school communities, 106
in school interventions, 83–87
in social sciences, 289–71, 279
relational work
expansion of research objects, 143–44
as transactions, 12–16
re-narration of motives, 181–83
research, researchers and
on FPM, 30
impact of, 267
institutional, 116
for Oxford Education Deanery study, 178–79
practice boundaries for, 276–79
relational concepts in, 306–8
symbolic use of, 268
resilience
CHAT and, 27
expansive learning and, 27
FPM and, 27–28
in parents with young children, 26–28, 35
reflection and, 27
resourceful leadership, 122, 127
resources. See material resources
RPL. See recognition of prior learning
ruptures, in service networks, 161–62
Index

SAQA. See South African Qualifications Authority

school communities
  collective intentionality in, 106
  common knowledge-building and use in, 100–2, 106
  contradictions in, 107
  dialectical engagement with parents, 99–100
  distributed expertise in, 106
  engagement within, development of, 106
  epistemic liberation in, 109–10
  relational expertise in, 106
  teacher-parent meetings, 102–5, 109–10, 112

school interventions. See also kindergarten in Chile
  actions in, 89–92
  alignment of motives in, 89–92
  case studies, 81–89
  common knowledge development, 88–89, 91
  relational agency in, 88
  relational expertise deployment in, 83–87
  values influenced through, 89–92

in Italy
  artifacts in, 66
  Fifth Dimension method in, 63–69
  horizontal pedagogy in, 67–68
  object of activity in, 67–68
  vertical pedagogy in, 67–68

school principals
  in Chile
    influencing work of, 89–92
    under LQE, 80–81
    work demands on, 80–81
    leadership by, 90–91

schools. See also public education; school communities; teachers
  CHAT interventions in, 62–64
  culture and, 97–98, 106–7
  Fifth Dimension method in, 63–69
  formative interventions in, 62–64
  meetings at, 100–2
  teacher-parent meetings, 102–5, 109–10
  transport to, 100–2
  narratives for, in Chile, 88, 91

scripts
  cross-functional practice, 163
  event schemas and, 156
  formation of, 156
  network, 155
  second stimulus, 60
  sense of belonging, 217–18
  sensemaking, 172, 177
  narratives and, 183–85
  sensemaking, 172, 177

meaning and, 177
motives and, 179–80
narratives for, 179–80

SEP. See Preferential Subsidy Law

service networks
  client’s perspectives in, 162–63
  collaborative tools in, 159–61, 168–69
  co-ordination interfaces in, 164–65, 167
  development of, 155–56
  narratives in, 161–62, 168
  professional concepts in, 156–57, 159–61, 167
  reflective exchange in, 163
  relational agency in, 159–65, 169
  ruptures in, 161–62
  standardization through, 163–64, 167–68
  SES segregation. See social class segregation
  social capital, 201–2
  social class (SES) segregation, in Chile, 80
  social practice theories, 136
  social sciences, in U.K.
    case study for, 271–79
    findings for, 272–79
    sampling in, 271–72
    impact in indirect, 268–69
      knowledge exchange and, 265–69, 273–74
      research, 272–76
      knowledge exchange in, 265
      impact and, 265–69, 273–74
      stages of, 277–78
      moral responsibility of, 269
      relational expertise in, 269–71, 279
    research impact of, 272–76
  Social Services for Divorced Families (SSDF) network, 156–57
  partners in, 156
  social value, 205
  societies, as social structures, 118
  sociogenesis of individual mind, 97

South Africa
  action research project in, 119–20, 126
    CHAT and, 119–20, 126–27
    apartheid in, 125–26
    flexible learning in, 122–25
    flexible teaching in, 122–25
    higher education institutions in, 113–16
    case study for, 116–19
    FLTP projects in, 114
    HBUs, 115–16
    HWUs, 115
    IOP for, 125
    under NQF, 118–19
    RPL in, 113–14
    under SAQA, 117–19
    STLC and, 118, 123
Index

South African Qualifications Authority (SAQA), 117–19
space of reasons, 98
social articulation of, 107–9
specialist meanings, 218–19
standardization, 163–64
Stetsenko, A., 154, 165–66, 240–41, 244
stimulation. See double stimulation
stimulus. See second stimulus
supervised probationary freedom (SPF), 157, 160
narratives in, 161–62
ruptures in, 161–62
synchronism, relational agency and, 59
Taylor, C., 2, 4, 27–28
teacher education. See also professional learning
ITE, 172–75
teacher-parent meetings, 102–5, 112
attendance discussions at, 103–4
epistemic liberation through, 109–10
format of, 112
scheduling of, 112
teachers
distributed expertise of, 106
object of activity interventions and, 68–69
teaching
flexible, 122–25
institutionalization of, 122–25
technology. See also iPads; Technucation project
as cultural force, 231–32
Technucation project, 233–37, 242
with iPads
cultural force of, 238–39
Danish use of, 242
learning with, 242
in TECS-model, 233–37
TECS-model, 233–37
common knowledge in, 235
components of, 234–35
relational agency and, 235
theoretical validity, 308
tools, use of
arTeFactual, 169
auxiliary artefacts as, 241–44
CHAT and, 154–55
cultural origins of, 3

instrumental genesis and, 155
mediation of, for HPSs, 54
network development and, 166
practice and, 3–7
relational agency and, 169
in service networks, 159–61, 168–69
in SPF, 157, 160
in SSDF network, 156–57, 160
trust as, 91
Vygotsky on, 3–7
for wellbeing in global corporations, 157–58
trajectories
of children, reshaping of, 4–5
in FPM, 31
transitions, to kindergarten
expectations connected to, 248–49
preparations for, 249–50
principles and core concepts for, 258, 260–61
trust, 91
value chains. See hybrid value chains
values
economic, 205
school interventions as influence on, 89–92
social, 205
vertical learning, 67–68
vertical pedagogy, in school interventions,
67–68
Vygotsky, L. S., 3–7
on double stimulation, 60–61, 74, 232
indirect method for, 64–65
instrumental genesis, 154–55
on learning, 7
second stimulus, 60
wellbeing, in global corporations, 157–58, 160
Wertsch, J., 177, 182
“what matters”
common knowledge and, 98, 270,
301–2
defined, 96
identity through, 4
motive compared to, 4
in multidisciplinary networks, 218–19
widening participation, 174–75, 180–81, 184
Zeichner, K., 173, 185, 300
Zone of Proximal Development (ZPD), 55
FPM and, 42