

Index

- Absenteeism from school, 117
- Acquisition of mobile phones, 10
- Actor-network theory, 4, 62–63
- Addiction
 - internet, 88
 - to mobile phones, 80–87, 89
- Adolescents/adolescence, 28
 - adoption of mobile phones, 6–7
 - attraction mobile phones, 6
 - brain tumour disease in, 137
 - cyber-bullying, 118
 - fundamental aspect of, 104
 - investigation of brain tumour risk, 95
 - literacy skills, 131
 - longitudinal panel survey, 90
 - mobile phone penetration, 113
 - peer group acceptance, 64–65
 - peer relationships, 72
 - personalised ‘branding’ of mobile phones, 8
 - research with, 118
 - romantic relationships, 73–74, 104
 - sexual awakening in, 68
 - and sexual identity, 104
- Adults, 5, 54
- Anthropomorphism, 70
- Anxiety, 26, 50
- Applications, mobile, 123
- Australia, mobile phone penetration in, 31–32
- Baby Boomers, 7
- Bedroom culture, 164
- Behavioural
 - commitment, 81
 - criteria, 86
 - displacement, 81
 - reactions, 85
- Brain damage, young people at risk of, 95
- Brands of mobile, 9, 21–23
- Bulgaria, M-Tel in, 163
- Bullying, 113
 - behaviour, 115
 - cyber-bullying, 111–119
- Capital letters, absence of, 129
- Cellular Telecommunications Industry Association (CTIA), 161
- Child mobile market, diversity in, 152–154
- Children, 35, 54
 - brain tumour disease in, 137
 - cyber-bullying, 118
 - establishing competencies, 154–155
 - immaturity, 11
 - investigation of brain tumour risk, 95
 - level of risk, 102
 - literacy skills, 131
 - making calls and sending messages, 37–42
 - mobile dependence, 151–152
 - mobile literacy, 155–156
 - using mobile phones, 95
 - and new communications adoption, 4–5, 7
 - with predictive-text phones, 130
 - social circumstances, 26
 - use of mobile phones, 83
- Children’s lives, mobiles impact on, 46–48
 - cognitive effects, 137–141
 - concerns about kids and mobile phones, 75–76

- education and mobile phones, 144–146
- lasting psychological effects of exposure, 136–137
- mobile phones and family life, 26–27
- mobile social communities, 27–37
- mobility, 59
- social impact of mobile phone use, 141–144
- social significance, 60–75
- Cognitive effects, 137–141
- Collectivistic value systems, 21
- Commentators, 125
- Communication
 - industry regulator, 35–36
 - mobile, 13, 17, 26, 52, 62–67
 - portable, 13–14, 17
 - remote, 27
 - technologies, 6, 12, 35, 104
- Competitive payment packages, 10
- Complexity theory, 6
- ‘Compulsion/persistence’ personality dimension, 89
- Compulsive use, 86
- Computer technology and applications, 69
- Computer-mediated communications, 126
- Confederation of European Posts and Telecommunications (CEPT), 161
- Connecting, 123
- Consumer markets, 15
- Convergent media ecology, 48
- Coolness of mobile, 72–73
- Cordless phones, 29
- Crimes Against Children Research Center, 117
- Cross-cultural ethnographic research, 66
- Cross-gender texting, 55
- Cultures
 - bedroom culture, 164
 - cultural factors, 164
 - variances between, 163–165
- Cyber-bullying, 161
 - risks from, 111–119
- Cyber-harassment, 118
- Cyber-world, 100
- Danish National Birth Cohort study, 93
- Department of General Practice, 105
- Department of Health, 92
- Department of Trade and Industry, 92
- Dependent users, 82
- Desk-top computers, 36–37
- DG Information Society and Media (DG INFSO), 162
- Digital communications, 40
 - media, 35, 138
 - networks, 16
- Digital natives, 146
- Digital technology, 115
- Displacement effects of television, 80
- Disrupted sleep, 89
- Diversity
 - in child mobile market, 152–154
 - functionality of mobile phone, 21
- Domestication of technology, 63
- E-book, 81, 158
 - readers, 36–37
- Earache, 91
- EC Safer Internet Programme, 100
- Education
 - educationally oriented mobile devices and applications, 81
 - mobile educational technologies, 123
 - and mobile phones, 144–146
- Electromagnetic fields, 137
 - radiation, 94
- Electronic devices, 81, 158–159
- Email, 54
- Emergence of mobile phoning
 - dramatic rise of mobile cellular phone, 15
 - mobile brand, 21–23

- mobile phones and users' lives, 18–20
- mobile technology and internet, 17
- societal implications of mobile growth, 16–17
- telephones, 13–14
- Emma Bond of UK's University of Essex, 96
- Emoticons (*see* Emotional lexicons)
- Emotional identity in mobile world, 70–71
- Emotional lexicons, 124
- Emotional risks of exposing private profiles, 109–111
- Ethnographers, 109
- Ethnography, 47
- EU Kids Online project (2010), 101–102, 110, 114–116, 154
- Exacerbating risk potential, 160
- Excessive engagement, 89
- Excessive users, 82
- Experience sampling methodology, 156
- Exposure
 - psychological effects of, 136–137
 - radiation, 96
 - radiofrequency, 140
- Extreme anxiety, 117
- Face-to-face
 - communication, 52
 - encounters, 126
 - interactions, 64
- Facebook, 17, 45, 75–76, 109, 114, 138, 151–152, 156
- Family life, mobile phones and, 26–27
- Family-oriented society, 165
- Fatigue, 91
- Federal Communications Commission (FCC), 161
- First cell phone call (1973), 15
- Fixed telephone lines, 13
- Focus group interviews, 85
- Follow-up study, 127–128
- Formal writing, 133
- Format restrictions of remote and mediated communications, 126
- Frequency of texting, 127–129
- Gadgets, 49
- Gender and mobile phones, 8–9
 - gender, text messaging and social networks, 53–56
- ICTs, 49
 - and mobile behaviour among young people, 51–53
 - nature of telephone use, 50
 - new communications technology, 49
 - reasons for using mobile phones, 57–58
- Generation X-ers, 7
- Global System for Mobile Communication
 - electromagnetic fields (GSM-EMFs), 139
- Grammatical violations, 133
- Group Speciale Mobile (GSM), 161
 - GSM Alliance, 32–33, 135, 162
 - GSM-EMF emissions, 139
- Group-related theory, 6
- Habitual, addictive and compulsive orientations, 86
- Habitual usage, 86
- Harassment, 113
 - cyber-harassment, 117–118
 - online, 119
 - sexual, 101
- Health risks using mobile phones (*see also* Social risks using mobile phones), 79, 93
 - addiction to mobile phones, 80–87
 - physical risks, 80
 - physical risks of using mobile phones, 91–96
 - risks of general stress, 87–91
 - risks of phone theft, 96–97

- Hearing and vision impairment, 91
- 'High Road' concept, 132
- High-risk sexual practices, 106
- 'Hyper-coordination' communications, 66
- 'i-Gen-ers', 7
- Indegree centrality, 53
- Industry and regulator responsibilities, 161–165
- Informal writing, 133
- Information and communication technologies (ICTs), 49
- Information society, 16
- Instagram, 17, 45
- Interactive technologies, 5
- Internal software systems, 16
- Internet, 139
 - addiction, 88
 - mobile, 42–45
 - mobile technology and, 17
- Internet and American Life Project, 30
- Internet Watch Foundation (IWF), 162
- Interpersonal communications device, 111
- Interphone Study of mobile phone users, 93
- iPod/MPs player, 30
- Italian Supreme Court in Rome, 92–93
- Landline phones, 50, 59
 - landline telecommunications infrastructures, 16
- Language use, 122–123
- Laptop computers, 30, 36–37, 40, 145
- Learning, 123
- 'Life dysfunction' personality dimension, 89
- Life history theory, 7
- Life-changing effects of mobile phones, 3–4
- Linguistic
 - effects of texting, 125–127
 - expressions, 124
 - linguistic forms in mobile texting, 124, 132–133
 - new linguistic forms, 124
 - nuances of texting, 124–125
- Literacy, 159–161
 - effects on, 127–129
 - technology, 151
 - wider literacy development, 129–133
- London School of Economics, 100
- Long-wavelength radiation, 94
- Low Road/High Road Theory of Situated Learning, 133
- 'Low Road' concept, 132
- M-Tel in Bulgaria, 163
- Maladaptive behaviours, 88
- Media (*see also* Social media)
 - activities, 46
 - digital communication, 35, 138
 - multi-tasking, 46
 - offline, 138
 - technology evolution, 5
- Media Effects Research Laboratory, 143
- Messages, 87, 111
- Micro-blogs, 35, 110
- 'Micro-coordination' arrangements, 65–66
- Microwaves, 94
- Midnight skinning dipping, 104
- Mini-computers, 39
- Miniature adults, 5
- Mobile communications, 13, 17, 26, 52, 62–67
 - devices, 79
 - technologies, 2
- Mobile devices, 30, 123, 137–138
 - social appropriation of, 6–7
- Mobile phone problematic use (MPPU), 82
 - scales, 87
- Mobile Radiofrequency Phone Exposed Users Study programme (MoRPhEUS programme), 139–140

- Mobile speak, 124
- Mobile technology, 1–3, 14, 16, 26–27, 31, 81, 123, 145
 - displacement effects, 159
 - evolution, 4
 - and internet, 17
- Mobile users, 83
- Mobile Wise, 92
- Mobility, 59
- Motorola, 14
 - DynaTAC 8000x, 15
- Mounting evidence, 123–124
- Multi-faceted digital information systems, 139
- Multi-functional model of cell phone, 21
- Multi-press mobile devices, 129
- Multivariate statistical analyses, 102
- MySpace, 156

- National Literacy Trust in UK, 159
- Nationwide Covert Bullying Prevalence Survey, 117
- Nationwide cross-sectional telephone survey of parents, 90
- Network(s)
 - mobile, 159
 - networked computer systems, 5
 - networked computer-mediated technology, 138
 - of remote contacts, 122
 - society, 16
- New Children Go Mobile (2013–2014), 36
- Non-verbal cues, 114
- Normal users, 82
- NTT DOCOMO, 32–33, 135

- Office of Communications (Ofcom), 32, 102, 116
- ‘Offline’ media, 138
- Online
 - activity, 108
 - communications, 126
 - environments, 155
 - mobile phone to, 42–45
 - settings, 155
 - social networks, 110
- Open-ended interviews, 105
- Operators, mobile, 163
- Outdegree centrality, 53
- Ownership
 - of mobile phones, 21–22, 28, 30, 32
 - patterns of, 16

- Parents
 - parental control, 150
 - role, 149–151
 - as role models, 9–11
- Patterns of mobile phone use among children
 - children making calls and sending messages, 37–42
 - downloading apps, 45
 - using mobile phone to online, 42–45
 - mobile phones in children’s lives, 46–48
 - mobile use and media activities, 46
- Patterns of ownership, 16
- Peer group factors, 61–62
- Penetration, mobile phone, 163–164
- Perpetrator, 113
- Personal competence online, 102
- Personal identity, 10
- Personal identity development, 67–69
- Personal image, mobile phones and, 8
- Personalised ‘branding’ of mobile phones, 8
- Personality traits, 142
- Pew Research Centre, 19
 - Internet and American Life Project, 30
 - with teenagers, 55
- Pew Research Institute, 105
- Phone theft, risks of, 96–97
- Phone-using behaviours, 83
- Phonetic spellings, 125
- Physical attributes, 41
- Physical risks of using mobile phones, 91–96

- Portable communications
 - devices, 13, 14
 - technologies, 17
- Portable computers, 1
- Portable telephones, 13
- Post-millennial generation of
 - 'i-Gen-ers', 7
- Pre-teenage children, 27
 - mobile communications
 - penetration, 11
 - mobile phone ownership and use, 27
 - mobile phone penetration, 30
 - telephone use, 29
 - texting devices, 127–128
 - ubiquity and habitual nature of
 - mobile phone, 83
- Predictive-text phones, children with, 130
- Primary Care Research Unit, 105
- Problematic mobile phone use (PMPU) (*see* Mobile phone problematic use (MPPU))
- 'Protect Our Children' website, 163
- Psychological
 - effects of exposure, 136–137
 - mechanism, 84–85
 - risks of exposure to illegal or offensive content, 100–102
 - side effects, 88
- Qualitative data gathering approaches, 47
- Qualitative research, 86
 - with adolescents in UK, 118
- 'Quiet' coach, 141–142
- Radiation exposure, 96
- Radio frequency
 - exposure, 140
 - waves, 94
- Real-life theatrical performances, 109
- Receiving sexual images, 104
- Receiving voice messages, 121
- Regulating children's use of mobile phones
 - balancing responsibility with
 - freedom and independence, 156–158
 - children's mobile literacy and risk
 - avoidance, 155–156
 - cultivating self-control and
 - regulated use, 158–159
 - diversity in child mobile market, 152–154
 - establishing competencies of
 - children, 154–155
 - industry and regulator
 - responsibilities, 161–165
 - literacy, 159–161
 - parents role, 149–151
 - schools monitor and advise, 152
 - understanding mobile dependence
 - of children, 151–152
- Regulator responsibilities, 161–165
- Relationship intensity, 71–72
- Remote communication, 27
- Respondents, 90, 107
- Responsibility
 - balancing responsibility with
 - freedom, 156–158
 - of children, 96–97
 - industry and regulator, 161–165
 - of parents, 26
- Risk
 - avoidance, 155–156
 - from cyber-bullying, 111–119
 - of general stress, 87–91
 - of phone theft, 96–97
 - of sexting, 103–109
- Romance, mobile, 73–75
- Romantic relationships, 104
- Safer Internet Programme (1999), 162
- School
 - authorities, 113
 - monitoring and advising, 152
- Self-completion survey, 86
- Self-control, 158–159
- Self-monitoring, 82

- Sending sexual images, 104
- Sending voice messages, 121
- Services, mobile, 83
- Sexting, risks in, 103–109
- Sexual identity, 104
- Sexually explicit material featuring minors, 108
- Shorthand linguistic forms in mobile texting, 124
- Silent Generation, 7
- Six-point scale, 132
- Sleep disturbance, 91
- Smartphones, 7, 25, 33, 36–37, 43–44
 - ownership, 33
 - ‘zombies’, 82
- ‘Smombies’, 82
- SNS, 110–111
- Social
 - appropriation of mobile devices, 6–7
 - clique, 64–65
 - cohesion, 4, 63–67
 - communications function, 157
 - conditions, 89
 - contexts of language use, 126
 - controls over children’s use of mobile phones, 25
 - identity, 62–63, 71–72
 - image, 22
 - interactions, 142
 - internet, 109
 - lives, 59–60
 - impact of mobile phone use, 141–144
 - pressure, 105
 - role of mobile phones, 2
 - rule learning, 142
 - settings, 142
 - stereotypes, 50
- Social communities, mobile, 27
 - emergence of mobile phone in Sweden, 28–29
 - majority of children, 32–33
 - mobile phone penetration in Australia, 31–32
 - study of American children, 29–30
 - twins, 33–34
- Social media, 75–76
 - platforms, 17
 - sites, 35, 111–112
- Social networks, 10, 37–38, 53–56
 - mobile, 20
 - profile, 110
 - sites, 102, 138
- Social risks using mobile phones
 - (*see also* Health risks using mobile phones), 99
 - emotional risks of exposing private profiles, 109–111
 - psychological risks of exposure to illegal or offensive content, 100–102
 - risks from cyber-bullying, 111–119
 - risks of sexting, 103–109
- Social significance of mobile phones, 60
 - emotional identity in mobile world, 70–71
 - mobile coolness, 72–73
 - mobile phones and restructuring of time, 69–70
 - mobile romance, 73–75
 - peer group factors, 61–62
 - personal identity development, 67–69
 - social cohesion and mobile communication, 63–67
 - social identity, 62–63, 71–72
- Socialisation, 68
- Societal implications of mobile growth, 16–17
- Socio-economic status (SES), 43
- Socio-technological processes, 62
- Specific absorption rate (SAR), 94–95
- Standard phone calls, 39–40
- Stop Cyber Violence, 163
- Stress, 26, 117
 - risks of, 87–91
- Tablets, 36–37, 145
- ‘Tecchie’ devices, 2

- Technology, 1–2, 11–12, 28
 - communications, 49
 - determinism, 3–4
 - digital, 115
 - domestication of, 63
 - literacy, 151
 - media technology evolution, 5
 - networked computer-mediated, 138
 - social identity of, 62–63
- Teenagers, 113
 - level of risk, 102
 - remarks of male teenage prankster, 114
 - research in United States, 106
- Telecocoons, 3
- Telephony, 8
 - mobile telephony markets, , 22
- Text circles, 122
- Text messages/messaging, 37, 53–57, 61, 64, 72
- Text speak, 124
- ‘Texters’, 122
- ‘Textese’, 125, 146
- Texting, 121–122
 - behaviour, 39, 122, 125
 - frequency of, 127–129
 - linguistic effects, 125–127
 - linguistic nuances, 124–125
 - mobile, 122, 126
 - nature, 129–133
- ‘Textisms’, 125, 128–132
- The Evaluation Partnership (TEP), 162
- Third-person effect, 106
- Time, interaction and performance theory (TIP theory), 6
- Time restruction, mobile phones and, 69–70
- Time-consuming activity, 44
- ‘Tipping point’ zone, 102
- ‘Tween’ market, 38–39
- Twitter, 17
- Two-way
 - communications devices, 14
 - portable radio handsets, 13
 - telecommunication networks, 14
- UK Council for Internet Safety (2017), 152
- UK Kids Online project, 100
- UK Trust for Study of Adolescence (2007), 60
- Ultraviolet radiation, 94
- University of Essex, 117–118
- University of Melbourne, 105
- University of New Hampshire, 117
- University of Texas, 144
- Urbanisation and migration of younger generations, 21
- US National Institute on Drug Abuse, 94
- Users’ lives, mobile phones and, 18–20
- Value, mobile phones as commodities of, 12
- Variances between cultures, 163–165
- Visible light, 94
- Voice
 - calls, 37
 - communications devices, 17
 - communicators, 63
 - messaging, 23, 61
 - telephony, 57
- Voluntary
 - dependent and mandatory behavioural orientations, 86
 - use, 86
- Wireless communications, 1–2
- ‘Withdrawal/tolerance’ personality dimension, 89
- World Health Organization (WHO), 96, 137
- World Wide Web, 42
- Written language construction, 133
- Written-down language, 125
- X-rays, 94
- Young people, mobile behaviour among, 51–53
- YouTube, 45
- ‘Yuppie’, 22