

References

- Ackoff, R. L. (1971). Towards a system of systems concepts. *Management Science*, 17(11), 661–671.
- (1974). *Redesigning the future: A systems approach to societal problems*. New York: John Wiley.
- Alexander, N. B., Galecki, A. T., Grenier, M. L., Nyquist, L. V., Hofmeyer, M. R., Grunawalt, J. C., Medell, J. L., & Fry-Welch, D. (2001). Task-specific resistance training to improve the ability of activities of daily living-impaired older adults to rise from a bed and from a chair. *Journal of the American Geriatrics Society*, 49(11), 1418–1427.
- Allen, D. (2009). From boundary concept to boundary object: The practice and politics of care pathway development. *Social Science & Medicine*, 69(3), 354–361.
- (2014). Lost in translation? Evidence and the articulation of institutional logics in integrated care pathways: From positive to negative boundary object? *Sociology of Health & Illness*, 36(6), 807–822.
- Anderson, I., & Tulloch, D. (2000). *Pathways through homelessness: A review of the research evidence*. Edinburgh: Scottish Homes.
- Anderson-Baron, J. T., & Collins, D. (2018). Not a “forever model”: The curious case of graduation in Housing First. *Urban Geography*, 39(4), 587–605.
- Arsen'ev, A. S., Bibler, V. S., & Kedrov, B. M. (1967). *Analysis of an evolving concept*. Moscow: Nauka [in Russian].
- Baker, T., & Evans, J. (2016). “Housing First” and the changing terrains of homeless governance. *Geography Compass*, 10(1), 25–41.
- Bal, A., Afacan, K., & Cakir, H. I. (2018). Culturally responsive school discipline: Implementing Learning Lab at a high school for systemic transformation. *American Educational Research Journal*, 55(5), 1007–1050.
- Barnett, A., Smith, B., Lord, S. R., Williams, M., & Baumann, A. (2003). Community-based group exercise improves balance and reduces falls in at-risk older people: A randomized controlled trial. *Age and Ageing*, 32(4), 407–414.
- Bartunek, J. M. (1984). Changing interpretive schemes and organizational restructuring: The example of a religious order. *Administrative Science Quarterly*, 29, 355–372.
- Bazerman, C. (2018). What does a model model? And for whom? *Educational Psychologist*, 53(4), 301–318.

- Beckett, R. C. (2016). Designing business model innovations: A multi-level perspective. In *Proceedings of the 17th International CINet Conference: Innovation and Tradition: Combining the Old and the New*, Turin, Italy (pp. 11–13).
- Bell, J. (2003). *Concept car design: Driving the dream*. Hove: Rotovision.
- Benson, M. H., & Craig, R. K. (2014). The end of sustainability. *Society & Natural Resources*, 27(7), 777–782.
- Berg, M. (1997). *Rationalizing medical work: Decision-support techniques and medical practices*. Cambridge, MA: The MIT Press.
- Blunden, A. (2012). *Concepts: A critical approach*. Leiden: Brill.
- Bohannon, R. W., Barreca, S. R., Shove, M. E., Lambert, C., Masters, L. M., & Sigouin, C. S. (2008). Documentation of daily sit-to-stands performed by community-dwelling adults. *Physiotherapy: Theory and Practice*, 24(6), 437–442.
- Boockvar, K. S., & Meier, D. E. (2006). Palliative care for frail older adults: “There are things I can’t do anymore that I wish I could . . .” *The Journal of the American Medical Association*, 296, 2245–2253.
- Bothello, J., & Salles-Djelic, M. L. (2018). Evolving conceptualizations of organizational environmentalism: A path generation account. *Organization Studies*, 39(1), 93–119.
- Bowker, G., & Star, S. L. (1999). *Sorting things out: Classification and its consequences*. Cambridge, MA: The MIT Press.
- Bratus, B. S., & Lishin, O. V. (1983). Laws of the development of activity and problems in the psychological and pedagogical shaping of the personality. *Russian Education and Society*, 21(3), 38–50.
- Brock, D. M., Powell, M. J., & Hinings, C. B. (2007). Archetypal change and the professional service firm. *Research in Organizational Change and Development*, 16, 221–251.
- Brook, C., Pedler, M., Abbott, C., & Burgoyne, J. (2016). On stopping doing those things that are not getting us to where we want to be: Unlearning, wicked problems and critical action learning. *Human Relations*, 69(2), 369–389.
- Brooks, R. A. (1991). Intelligence without representation. *Artificial Intelligence*, 47 (1–3), 139–159.
- Caldwell, H., Krinsky, J., Brunila, M., & Ranta, K. (2019). Learning to common, commoning as learning. *ACME: An International Journal for Critical Geographies*, 18(6), 1207–1233.
- Campbell, D., Coldicott, T., & Kinsella, K. (2018). *Systemic work with organizations: A new model for managers and change agents*. London: Routledge.
- Carey, S. (2009). *The origin of concepts*. Oxford: Oxford University Press.
- Carroll, L. (2011). *The hunting of the snark*. London: Tate Publishing.
- Carvalho, M. J., Marques, E., & Mota, J. (2008). Training and detraining effects on functional fitness after a multicomponent training in older women. *Gerontology*, 55(1), 41–48.
- Casas-Cortés, M. I., Osterweil, M., & Powell, D. A. (2008). Blurring boundaries: Recognizing knowledge-practices in the study of social movements. *Anthropological Quarterly*, 81, 17–58.

- Chamberlain, C., & Johnson, G. (2013). Pathways into adult homelessness. *Journal of Sociology*, 49(1), 60–77.
- Checkland, P., & Poulter, J. (2007). *Learning for action: A short definitive account of soft systems methodology, and its use for practitioners, teachers and students*. Hoboken, NJ: John Wiley & Sons.
- Chemero, A. (2013). Radical embodied cognitive science. *Review of General Psychology*, 17(2), 145–150.
- Chia, R. C., & Holt, R. (2009). *Strategy without design: The silent efficacy of indirect action*. Cambridge: Cambridge University Press.
- Clark, A. (2008). *Supersizing the mind: Embodiment, action, and cognitive extension*. Oxford: Oxford University Press.
- Cole, R. E. (1999). *Managing quality fads: How American business learned to play the quality game*. New York: Oxford University Press.
- Cussins, A. (1992). Content, embodiment and objectivity: The theory of cognitive trails. *Mind*, 101, 651–688.
- (1993). Nonconceptual content and the elimination of misconceived composites. *Mind & Language*, 8, 234–252.
- Daiute, C., & Nelson, K. (1997). Making sense of the sense-making. *Journal of Narrative and Life History*, 7(1–4), 207–215.
- D'Alisa, G., Demaria, F., & Kallis, G. (eds.) (2014). *Degrowth: A vocabulary for a new era*. New York: Routledge.
- Danish, J. A., Enyedy, N., Saleh, A., & Humburg, M. (2020). Learning in embodied activity framework: A sociocultural framework for embodied cognition. *International Journal of Computer-Supported Collaborative Learning*, 15, 49–87.
- Dara, S. K. (2019). The new integrated pest management paradigm for the modern age. *Journal of Integrated Pest Management*, 10(1), 12.
- Davydov, V. V. (1988). Problems of developmental teaching: The experience of theoretical and experimental psychological research. Excerpts (Part II). *Soviet Education*, 30(9), 3–83.
- (1990). *Types of generalization in instruction: Logical and psychological problems in the structuring of school curricula*. Reston, VA: National Council of Teachers of Mathematics.
- (2008). *Problems of developmental instruction: A theoretical and experimental psychological study*. New York: Nova Science Publishers.
- Deguine, J. P., Aubertot, J. N., Flor, R. J., Lescourret, F., Wyckhuys, K. A., & Ratnadass, A. (2021). Integrated pest management: Good intentions, hard realities. A review. *Agronomy for Sustainable Development*, 41(3), 1–35.
- Delmestri, G., Wezel, F. C., Goodrick, E., & Washington, M. (2020). The hidden paths of category research: Climbing new heights and slippery slopes. *Organization Studies*, 41(7) 909–920.
- Dixon, J. A., & Fallon, L. A. (1989). The concept of sustainability: Origins, extensions, and usefulness for policy. *Society & Natural Resources*, 2(1), 73–84.
- Dolan, T. E. (2010). Revisiting adhocracy: From rhetorical revisionism to smart mobs. *Journal of Futures Studies*, 15(2), 33–50.

- Dourish, P. (2001). *Where the action is: The foundations of embodied interaction*. Cambridge, MA: The MIT Press.
- van Duijn, S., Zonneveld, N., Montero, A. L., Minkman, M., & Nies, H. (2018). Service integration across sectors in Europe: Literature and practice. *International Journal of Integrated Care*, 18(2), 1–13.
- Dunlop, T. (2022). Energy efficiency: The evolution of a motherhood concept. *Social Studies of Science*, 52(5), 710–732.
- Durand, R., Granqvist, N., & Tyllström, A. (2017). From categories to categorization: A social perspective on market categorization. In R. Durand, N. Granqvist, & A. Tyllström (eds.), *From categories to categorization: Studies in sociology, organizations and strategy at the crossroads* (pp. 3–30). Bingley: Emerald.
- Edsall, L. (2003). *Concept cars: From the 1930s to the present*. Lyndhurst: Barnes & Noble.
- Engeström, Y. (1987). *Learning by expanding: An activity-theoretical approach to developmental research*. Helsinki: Orienta-Konsultti.
- (1995a) Innovative organizational learning in medical and legal settings. In L. Martin, K. Nelson, & E. Tobach, (eds.), *Theory and practice of doing: Sociocultural psychology* (pp. 326–356). Cambridge: Cambridge University Press.
- (1995b). Objects, contradictions and collaboration in medical cognition: An activity-theoretical perspective. *Artificial Intelligence in Medicine*, 7, 395–412.
- (2003). The horizontal dimension of expansive learning: Weaving a texture of cognitive trails in the terrain of health care in Helsinki. In F. Achtenhagen, & E. G. John, (eds.), *Milestones of vocational and occupational education and training. Volume 1: The teaching-learning perspective* (pp. 152–179). Bielefeld: Bertelsmann.
- (2005a). *Developmental work research: Expanding activity theory in practice*. Berlin: Lehmanns Media.
- (2005b). Introduction: In search of the Sampo. In Y. Engeström (ed.), *Developmental work research: Expanding activity theory in practice* (pp. 9–14). Berlin: Lehmanns Media.
- (2007a). From stabilization knowledge to possibility knowledge in organizational learning. *Management Learning*, 38(3), 271–275.
- (2007b). Putting Vygotsky to work: The Change Laboratory as an application of double stimulation. In H. Daniels, M. Cole, & J. V. Wertsch (eds.), *The Cambridge companion to Vygotsky* (pp. 363–382). Cambridge: Cambridge University Press.
- (2008a). *From teams to knots: Activity-theoretical studies of collaboration and learning at work*. Cambridge: Cambridge University Press.
- (2008b). Quand le centre se dérobe: La notion de knotworking et ses promesses. *Sociologie du Travail*, 50(3), 303–330.
- (2009). Wildfire activities: New patterns of mobility and learning. *International Journal of Mobile and Blended Learning*, 1(2), 1–18.

- (2011). From design experiments to formative interventions. *Theory & Psychology*, 21(5), 598–628.
- (2015). *Learning by expanding: An activity-theoretical approach to developmental research* (2nd edition). Cambridge: Cambridge University Press.
- (2016). *Studies in expansive learning: Learning what is not yet there*. Cambridge: Cambridge University Press.
- (2018). *Expertise in transition: Expansive learning in medical work*. Cambridge: Cambridge University Press.
- (2020). Concept formation in the wild: Towards a research agenda. *Éducation et Didactique*, 14(1-2), 99–113.
- (2023). Writing for stabilization and writing for possibility: The dialectics of representation in everyday work with vulnerable clients. In P. M. Rogers, D. Russell, P. Carlino, & J. M. Marine (eds.), *Writing as a human activity: Implications and applications of the work of Charles Bazerman* (pp. 293–314). Fort Collins: The WAC Clearinghouse.
- Engeström, Y., Brunila, M., & Rantavuori, J. (2024). The politics of expansive learning: A study of two social movements. In A. Levant, K. Murakami, & M. McSweeney (eds.), *Activity theory: An introduction* (pp. 137–172). Stuttgart: Ibidem Press.
- Engeström, Y., Engeström, R., & Kärkkäinen, M. (1995). Polycontextuality and boundary crossing in expert cognition: Learning and problem solving in complex work activities. *Learning and Instruction*, 5, 319–336.
- Engeström, Y., Engeström, R., & Vähäaho, T. (1999). When the center does not hold: The importance of knotworking. In S. Chaiklin, M. Hedegaard, & U. J. Jensen (eds.), *Activity theory and social practice: Cultural-historical approaches* (pp. 12–30). Aarhus: Aarhus University Press.
- Engeström, Y., Kaatrakoski, H., Kaiponen, P., Lahikainen, J., Laitinen, A., Myllys, H., Rantavuori, J., & Sinikara, K. (2012). Knotworking in academic libraries: Two case studies from the University of Helsinki. *Liber Quarterly*, 21(3/4), 387–405.
- Engeström, Y., Kajamaa, A., Lahtinen, P., & Sannino, A. (2015). Toward a grammar of collaboration. *Mind, Culture, and Activity*, 22(2), 92–111.
- Engeström, Y., Kajamaa, A., & Nummijoki, J. (2015). Double stimulation in everyday work: Critical encounters between home care workers and their elderly clients. *Learning, Culture and Social Interaction*, 4, 48–61.
- Engeström, Y., & Middleton, D. (eds.) (1996). *Cognition and communication at work*. Cambridge: Cambridge University Press.
- Engeström, Y., Nummijoki, J., & Sannino, A. (2012). Embodied germ cell at work: Building an expansive concept of physical mobility in home care. *Mind, Culture, and Activity*, 19(3), 287–309.
- Engeström, Y., Pasanen, A., Toivainen, H., & Haavisto, V. (2005). Expansive learning as collaborative concept formation at work. In K. Yamazumi, Y. Engeström, & H. Daniels (eds.), *New learning challenges: Going beyond the industrial age system of school and work* (pp. 47–77). Kansai: Kansai University Press.

- Engeström, Y., Rantavuori, J., & Kerosuo, H. (2013). Expansive learning in a library: Actions, cycles and deviations from instructional intentions. *Vocations and Learning*, 6(1), 81–106.
- Engeström, Y., & Sannino, A. (2010). Studies of expansive learning: Foundations, findings and future challenges. *Educational Research Review*, 5(1), 1–24.
- (2012a). Concept formation in the wild. *Mind, Culture, and Activity*, 19(3), 201–206.
- (2012b). Whatever happened to process theories of learning? *Learning, Culture and Social Interaction*, 1(1), 45–56.
- (2013). La volonté et l'agentivité transformatrice: Perspective théorique de l'activité. *Revue Internationale du CRIRES: Innover dans la tradition de Vygotsky*, 1(1), 4–19.
- (2021). From mediated actions to heterogenous coalitions: Four generations of activity-theoretical studies of work and learning. *Mind, Culture, and Activity*, 28(1), 4–23.
- Engeström, Y., Sannino, A., & Virkkunen, J. (2014). On the methodological demands of formative interventions. *Mind, Culture, and Activity*, 21(2), 118–128.
- Engeström, Y., Virkkunen, J., Helle, M., Pihlaja, J., & Poikela, R. (1996). The Change Laboratory as a tool for transforming work. *Lifelong Learning in Europe*, 1(2), 10–17.
- Englund, C. (2018). Exploring interdisciplinary academic development: The Change Laboratory as an approach to team-based practice. *Higher Education Research & Development*, 37(4), 698–714.
- Fahlman, M. M., Topp, R., McNevin, N., Morgan, A. L., & Boardley, D. J. (2007). Structured exercise in older adults with limited functional ability. *Journal of Gerontological Nursing*, 33(6), 32–39.
- Falmagne, R. J. (1995). The abstract and the concrete. In L. W. Martin, K. Nelson, & E. Tobach (eds.), *Sociocultural psychology: Theory and practice of doing and knowing* (pp. 205–228). Cambridge: Cambridge University Press.
- Fauconnier, G., & Turner, M. (2002). *The way we think: Conceptual blending and the mind's hidden complexities*. New York: Basic Books.
- Fitzpatrick, S., Bramley, G., & Johnsen, S. (2013). Pathways into multiple exclusion homelessness in seven UK cities. *Urban Studies*, 50(1), 148–168.
- Fogel, A. (1993). *Developing through relationships: Origins of communication, self, and culture*. Chicago, IL: The University of Chicago Press.
- Fogg, B. J. (2003). Conceptual designs. In B. Laurel (ed.), *Design research: Methods and perspectives* (pp. 201–211). Cambridge: The MIT Press.
- Foot, K. A. (2001). Cultural-historical activity theory as practice theory: Illuminating the development of conflict-monitoring network. *Communication Theory*, 11(1), 56–83.
- Gallagher, S. (2005). *How the body shapes the mind*. Oxford: Clarendon Press.
- Gibbs, R. W., Jr. (2005). *Embodiment and cognitive science*. Cambridge: Cambridge University Press.

- Godfrey, T. (1998). *Conceptual art*. London: Phaidon Press.
- Goodland, R. (1995). The concept of environmental sustainability. *Annual Review of Ecology and Systematics*, 26(1), 1–24.
- Goodman, N. (1978). *Ways of worldmaking*. Indianapolis, IN: Hackett.
- Greeno, J. G. (2012). Concepts in activities and discourses. *Mind, Culture, and Activity*, 19(3), 310–313.
- Greeno, J. G., & van de Sande, C. (2007). Perspectival understanding of conceptions and conceptual growth in interaction. *Educational Psychologist*, 42(1), 9–23.
- Greenstein, D. (2010). Strategies for sustaining the university library. *Portal: Libraries and the Academy*, 10(2), 121–125.
- Gromyko, Y. (1997) *Organizational activity games*. Moscow: Independent Methodological University [in Russian].
- Haapasalo, A., Engeström, Y., & Kerosuo, H. (2014). The emergence of learners' transformative agency in a Change Laboratory intervention. *Journal of Education and Work*, 29(2), 232–262.
- Hannan, M. T. et al. (2019). *Concepts and categories: Foundations for sociological and cultural analysis*. New York: Columbia University Press.
- Haug, W. F. (1974). *Vorlesungen zur Einführung ins Kapital*. Köln: Pahl-Rugenstein.
- Heusinkveld, S., & Benders, J. (2012). On sedimentation in management fashion: An institutional perspective. *Journal of Organizational Change Management*, 25(1), 121–142.
- Holzkamp, K. (1993). *Lernen: Subjektwissenschaftliche Grundlegung*. Frankfurt am Main: Campus-Verlag [in German].
- Hubbard, L., Mehan, H., & Stein, M. K. (2006). *Reform as learning: School reform, organizational culture, and community politics in San Diego*. New York: Routledge.
- Hunter, B., & Segrott, J. (2014). Renegotiating inter-professional boundaries in maternity care: Implementing a clinical pathway for normal labour. *Sociology of Health & Illness*, 36(5), 719–737.
- Hutchins, E. (1995). *Cognition in the Wild*. Cambridge, MA: The MIT Press.
- (2005). Material anchors for conceptual blends. *Journal of Pragmatics*, 37(10), 1555–1577.
- (2010). Enaction, imagination, and insight. In J. Stewart, O. Gapenne, & E. A. Di Paolo (eds.), *Enaction: Toward a new paradigm for cognitive science* (pp. 425–450). Cambridge, MA: The MIT Press.
- Hutto, D., & Myin, E. (2017). *Evolving enactivism: Basic minds meet content*. Cambridge, MA: The MIT Press.
- Il'enkov, E. V. (1977). *Dialectical logic: Essays on its theory and history*. Moscow: Progress.
- (1982). *The dialectics of the abstract and the concrete in Marx's Capital*. Moscow: Progress.
- Ingold, T. (2000). *The perception of the environment: Essays in livelihood, dwelling and skill*. London: Routledge.

- (2007). *Lines: A brief history*. London: Routledge.
- Jackson, M. C. (2006). Creative holism: A critical systems approach to complex problem situations. *Systems Research and Behavioral Science*, 23(5), 647–657.
- Jensen, U. J. (1983). *Sygdomsbegreber i praksis: Det kliniske arbejdes filosofi og videnskabsteori*. Copenhagen: Munksgaard.
- Johnston, E. R. (2020). Pathologizing the wounded? Post-traumatic stress disorder in an era of gun violence. *Rhetoric of Health & Medicine*, 3(1), 1–33.
- Jones, R. (2007). A journey through the years: Ageing and social care. *Ageing Horizons*, 6, 42–51.
- Joutsenlahti, S. (2022). Asunnottomien tarpeiden ymmärtäminen palvelukehityksen perustaksi. In P. Fredriksson (ed.), *Loppu asunnottomuudelle: Suoja-Pirtti ry:n 60-vuotisen toiminnan juhlaajulkaisu* (pp. 60–64). Helsinki: Suoja-Pirtti ry [in Finnish].
- Jutel, A. (2010). Medically unexplained symptoms and the disease label. *Social Theory & Health*, 8, 229–245.
- Kaakinen, J. (May 6, 2019). Housing first: How Finland is ending homelessness. *The OECD Observer*, 1–3.
- Kaatrakoski, H., & Lahikainen, J. (2016). “What we do every day is impossible”: Managing change by developing a knotworking culture in an academic library. *The Journal of Academic Librarianship*, 42(5), 515–521.
- Kallis, G., Kostakis, V., Lange, S., Muraca, B., Paulson, S., & Schmelzer, M. (2018). Research on degrowth. *Annual Review of Environment and Resources*, 43(1), 291–316.
- Karppinen, J. (2022). Entä jos en pärjää omassa asunnossa? In P. Fredriksson (ed.), *Loppu asunnottomuudelle: Suoja-Pirtti ry:n 60-vuotisen toiminnan juhlaajulkaisu* (pp. 55–57). Helsinki: Suoja-Pirtti ry [in Finnish].
- Kaufman, J. C., & Beghetto, C. A. (2009). Beyond big and little: The four C model of creativity. *Review of General Psychology*, 13(1), 1–12.
- Keil, F. C. (1992). *Concepts, kinds, and cognitive development*. Cambridge, MA: The MIT Press.
- Kerosuo, H., & Engeström, Y. (2003). Boundary crossing and learning in creation of new work practice. *Journal of Workplace Learning*, 15(7/8), 345–351.
- Kirkpatrick, I., & Ackroyd, S. (2003). Archetype theory and the changing professional organization: A critique and alternative. *Organization*, 10(4), 731–750.
- Kogan, M. (1998). Integrated pest management: Historical perspectives and contemporary developments. *Annual Review of Entomology*, 43, 243.
- Koselleck, R., & Presner, T. S. (2002). *The practice of conceptual history: Timing history, spacing concepts*. Stanford: Stanford University Press.
- Kostiainen, E. (2015). Pathways through homelessness in Helsinki. *European Journal of Homelessness*, 9(2), 63–86.
- Krebs, D. E., Scarborough, D. M., McGibbon, C. A. (2007). Functional vs. strength training in disabled elderly outpatients. *American Journal of Physical Medicine & Rehabilitation*, 86(2), 93–103.

- Kvenild, C., & Calkins, K. (eds.) (2011). *Embedded librarians: Moving beyond one-shot instruction*. Chicago, IL: Association of College and Research Libraries.
- Lamberts, K., & Shanks, D. R. (eds.) (1997). *Knowledge, concepts, and categories*. Hove: Psychology Press.
- Latouche, S. (2009). *Farewell to growth*. Cambridge: Polity Press.
- Leal Filho, W. (2000). Dealing with misconceptions on the concept of sustainability. *International Journal of Sustainability in Higher Education*, 1, 9–19.
- Leont'ev, A. N. (1978). *Activity, consciousness, and personality*. Englewood Cliffs, NJ: Prentice-Hall.
- (1981). *Problems of the development of the mind*. Moscow: Progress.
- Lindgren, A. (2020). *Pippi in the South Seas*. Translated by Susan Beard. New York: Puffin Books.
- Linell, P. (2009). *Rethinking language, mind and world dialogically: Interactional and contextual theories of human sense-making*. Greenwich, CT: Information Age Publishing.
- Lord, S. R., Murray, S. M., Chapman, K., Munro, B., & Tiedemann, A. (2002). Sit-to-stand performance depends on sensation, speed, balance and psychological status in addition to strength in older people. *Journal of Gerontology*, 57, 539–543.
- Löwy, I. (1992). The strength of loose concepts - boundary concepts, federative experimental strategies, and disciplinary growth: The case of immunology. *History of Science*, 30, 371–396.
- Marchand, T. H. (2010). Making knowledge: Explorations of the indissoluble relation between minds, bodies, and environment. *Journal of the Royal Anthropological Institute*, 16, S1–S21.
- Mareschal, D., Quinn, P. C., & Lea, S. E. G. (eds.) (2010). *The making of human concepts*. Oxford: Oxford University Press.
- Margolis, E., & Laurence, S. (eds.) (1999). *Concepts: Core readings*. Cambridge, MA: The MIT Press.
- Marková, I. (2003). *Dialogicality and social representations: The dynamics of mind*. Cambridge: Cambridge University Press.
- (2012). Objectification in common sense thinking. *Mind, Culture, and Activity*, 19(3), 207–221.
- Marshall, J. D., & Toffel, M. W. (2005). Framing the elusive concept of sustainability: A sustainability hierarchy. *Environmental Science & Technology*, 39(3), 673–682.
- Martin, G. P., Kocman, D., Stephens, T., Peden, C. J., Pearse, R. M. (2017). Pathways to professionalism? Quality improvement, care pathways, and the interplay of standardisation and clinical autonomy. *Sociology of Health & Illness*, 39(8), 1314–1329.
- Mead, G. H. (1899). The working hypothesis in social reform. *American Journal of Sociology*, 5(3), 367–371.
- Melville, H. (1949). *Moby Dick*. New York: Simon & Schuster.
- Meyer, J., & Land, R. (2003). *Threshold concepts and troublesome knowledge (1): Linkages to ways of thinking and practicing within the disciplines* (pp. 412–424). Edinburgh: University of Edinburgh.

- Mintzberg, H. (1979). *The structuring of organizations: A synthesis of the research*. Englewood Cliffs, NJ: Prentice-Hall.
- Moscovici, S. (1984). The phenomenon of social representations. In R. Farr and S. Moscovici (eds.), *Social representations* (pp. 3–69). Cambridge: Cambridge University Press.
- Mukute, M., Mudokwani, K., McAllister, G., & Nyikahadzoi, K. (2018). Exploring the potential of developmental work research and change laboratory to support sustainability transformations: a case study of organic agriculture in Zimbabwe. *Mind, Culture, and Activity*, 25(3), 229–246.
- Murphy, G. L. (2002). *The big book of concepts*. Cambridge, MA: The MIT Press.
- Muutoslaboratoriöryhmä (2020). *Asunto Ensin 2.0 – Tehdään yhdessä jokaiselle mahdollisuus*. <https://asuntoensin.fi/asunto-ensin-2-o-tehdaan-yhdessa-jokai-selle-mahdollisuus/> [in Finnish].
- Namian, D. (2020). Governing homelessness through instruments: A critical perspective on Housing First's policy instrumentation. *Critical Policy Studies*, 14(3), 303–318.
- National Audit Office's Report (2010). *Vanhuspalvelut. Säännöllinen kotihoito [Services for older citizens: Regular home care]*. Helsinki: Valtiontalouden tarkastusvirasto. [National Audit Office] ISBN 978-952-499-153-7 [in Finnish].
- Nelson, K. (1983). The derivation of concepts and categories from event representations. In E. K. Scholnick (ed.), *New trends in conceptual representation: Challenges to Piaget's theory?* (pp. 131–149). Hillsdale, NJ: Lawrence Erlbaum.
- Nersessian, N. J. (2008). *Creating scientific concepts*. Cambridge, MA: The MIT Press.
- (2012). Engineering concepts: The interplay between concept formation and modeling practices in bioengineering sciences. *Mind, Culture, and Activity*, 19(3), 222–239.
- Nicolai, A., & Dautwiz, J. (2010). Fuzziness in action: What consequences has the linguistic ambiguity of the core competence concept for organizational usage? *British Journal of Management*, 21(4), 874–888.
- Nummijoki, J. (2020). *Breaking new ground in home care encounters: Shared transformative agency between home care workers and their elderly clients*. Helsinki: University of Helsinki, Faculty of Educational Sciences.
- Nummijoki, J., & Engeström, Y. (2010). Towards co-configuration in home care of the elderly: Cultivating agency by designing and implementing the mobility agreement. In H. Daniels, A. Edwards, Y. Engeström, T. Gallagher, & S. Ludvigsen (eds.), *Activity theory in practice: Promoting learning across boundaries and agencies* (pp. 49–71). London: Routledge.
- Orlikowski, W. J., & Gash, D. C. (1994). Technological frames: Making sense of information technology in organizations. *ACM Transactions on Information Systems*, 12(2), 174–207.
- Osborne, M. (2019). Who gets “housing first”? Determining eligibility in an era of housing first homelessness. *Journal of Contemporary Ethnography*, 48(3), 402–428.

- Pinder, R., Petchey, R., Shaw, S., & Carter, Y. (2005). What's in a care pathway? Towards a cultural cartography of the new NHS. *Sociology of Health & Illness*, 27(6), 759–779.
- Pleace, N. (2016). Researching homelessness in Europe: Theoretical perspectives. *European Journal of Homelessness*, 10(3), 20–44.
- Pleace, N., Culhane, D., Granfelt, R., & Knutagård, M. (2015). *The Finnish homelessness strategy: An international review*. Helsinki: Ministry of the Environment.
- Pressman, J. L., & Wildavsky, A. (1984). *Implementation: How great expectations in Washington are dashed in Oakland; Or, why it's amazing that federal programs work at all, this being a saga of the Economic Development Administration as told by two sympathetic observers who seek to build morals on a foundation*. Berkeley, CA: University of California Press.
- Prinz, J., & Clark, A. (2004). Putting concepts to work: Some thoughts for the twentyfirst century. *Mind & Language*, 19(1), 57–69.
- Pyyvaara, U., & Timonen, A. (eds.) (2017). *Naamat [Faces]*. Helsinki: Into [in Finnish].
- Radford, L. (2020). Davydov's concept of the concept and its dialectical materialist background. *Educational Studies in Mathematics*, 106(3), 327–342. [<https://doi.org/10.1007>]
- Rasmussen, E. B. (2020). Making and managing medical anomalies: Exploring the classification of 'medically unexplained symptoms'. *Social Studies of Science*, 50(6), 901–931.
- Renn, O., Jager, A., Deuschle, J., & Weimer-Jehle, W. (2009). A normative-functional concept of sustainability and its indicators. *International Journal of Global Environmental Issues*, 9(4), 291–317.
- Reynolds, M., & Holwell, S. (eds.) (2020). *Systems approaches to making change: A practical guide*. London: Springer.
- Rissanen, P. et al. (2020). *Social and healthcare services in Finland 2018: Expert evaluation*. Helsinki: Finnish Institute for Health and Welfare. <https://urn.fi/URN:ISBN:978-952-343-503-2>
- Robbins, P., & Aydede, M. (eds.) (2008). *The Cambridge handbook of situated cognition*. Cambridge: Cambridge University Press.
- Rogoff, B. E., & Lave, J. E. (1984). *Everyday cognition: Its development in social context*. Cambridge: Harvard University Press.
- Rosch, E. (1978). Principles of categorization. In E. Rosch, & B. B. Lloyd (eds.), *Cognition and categorization* (pp. 27–48). Hillsdale, NJ: Lawrence Erlbaum.
- (1999). Reclaiming concepts. *Journal of Consciousness Studies*, 6(11–12), 61–77.
- Rosie, J., & Taylor, D. (2007). Sit-to-stand as home exercise for mobility-limited adults over 80 years of age: GrandStand System™ may keep you standing? *Age and Ageing*, 36(5), 555–562.
- Rycroft-Malone, J., Fontenla, M., Seers, K., & Bick, D. (2009). Protocol-based care: The standardisation of decision-making? *Journal of Clinical Nursing*, 18 (10), 1490–1500.
- Ryle, G. (1949). *The concept of mind*. London: Hutchinson.

- Sannino, A. (2008). Experiencing conversations: Bridging the gap between discourse and activity. *Journal for the Theory of Social Behaviour*, 38(3), 267–291.
- (2011). Activity theory as an activist and interventionist theory. *Theory & Psychology*, 21(5), 571–597.
- (2015). The principle of double stimulation: A path to volitional action. *Learning, Culture and Social Interaction*, 6, 1–15.
- (2016). Double stimulation in the waiting experiment with collectives: Testing a Vygotskian model of the emergence of volitional action. *Integrative Psychological and Behavioral Science*, 50(1), 142–173.
- (2020). Enacting the utopia of eradicating homelessness: Toward a new generation of activity-theoretical studies of learning. *Studies in Continuing Education*, 42(2), 163–179.
- (2022). Transformative agency as warping: How collectives accomplish change amidst uncertainty. *Pedagogy, Culture & Society*, 30(1), 9–33.
- Sannino, A., & Engeström, Y. (2017). Co-generation of societally impactful knowledge in Change Laboratories. *Management Learning*, 48(1), 80–96.
- (2018). Valuable innovations out of nonsense? Expansive organizational learning and transformative agency in the Mann Gulch disaster and in the Finnish homelessness strategy. *Teoria e Prática em Administração (TPA)*, 8(2), 60–79.
- Sannino, A., Engeström, Y., & Jokinen, E. (2021). Digital peer learning for transformative professional agency: The case of homelessness practitioners in Finland. *British Journal of Educational Technology*, 52(4), 1612–1628.
- Sannino, A., Engeström, Y., & Kärki, E. (2023). *Multiprofessional mobile support for overcoming homelessness: A study of Nopsajalka work in Jyväskylä*. Tampere: Tampere University, Faculty of Education and Culture.
- Sannino, A., Engeström, Y., & Lahikainen, J. (2016). The dialectics of authoring expansive learning: Tracing the long tail of a Change Laboratory. *Journal of Workplace Learning*, 28(4), 245–262.
- Sannino, A., Engeström, Y., & Lemos, M. (2016). Formative interventions for expansive learning and transformative agency. *Journal of the Learning Sciences*, 25(4), 599–633.
- Sannino, A., & Laitinen, A. (2015). Double stimulation in the waiting experiment: Testing a Vygotskian model of the emergence of volitional action. *Learning, Culture and Social Interaction*, 4, 4–18.
- Sawyer, R. K. (2012). *Explaining creativity: The science of human innovation* (2nd edition). Oxford: Oxford University Press.
- Schrijvers, G., van Hoorn, A., & Huiskes, N. (2012). The care pathway: Concepts and theories: an introduction. *International Journal of Integrated Care*, 12, 1–7.
- Senge, P. M. (1990). *The fifth discipline: The art & practice of learning organization*. New York: Doubleday.
- Senge, P. M., & Sterman, J. D. (1992). Systems thinking and organizational learning: Acting locally and thinking globally in the organization of the future. *European Journal of Operational Research*, 59(1), 137–150.

- Shank, R., & Abelson, R. A. (1977). *Scripts, plans, goals and understanding*. Hillsdale, NJ: Lawrence Erlbaum.
- Shinn, M., & Khadduri, J. (2020). How Finland ended homelessness. *Cityscape*, 22(2), 75–80.
- Shotter, J. (2011). Embodiment, abduction, and expressive movement: A new realm of inquiry? *Theory & Psychology*, 21(4), 439–456.
- Shumaker, D. (2012). *The embedded librarian: Innovative strategies for taking knowledge where it's needed*. Medford: Information Today.
- Shumway-Cook, A., Silver, I. F., LeMier, M., York, S., Cummings, P., & Koepsell, T. D. (2007). Effectiveness of a community-based multifactorial intervention on falls and fall risk factors in community-living older adults: A randomized, controlled trial. *Journals of Gerontology, Series A, Biological Sciences and Medical Sciences*, 62(12), 1420–1427.
- Somers, M. R. (1995). What's political or cultural about political culture and the public sphere? Toward an historical sociology of concept formation. *Sociological Theory*, 13(2), 113–144.
- Star, S. L., & Griesemer, J. R. (1989). Institutional ecology, 'translations' and boundary objects: Amateurs and professionals in Berkeley's Museum of Vertebrate Zoology, 1907–39. *Social Studies of Science*, 9, 387–420.
- Stewart, J., Gapenne, O., & Di Paolo, E. A. (eds.) (2010). *Enaction: Toward a new paradigm for cognitive science*. Cambridge, MA: The MIT Press.
- Strait, J. R., & Lima, M. (eds.) (2023). *The future of service-learning: New solutions for sustaining and improving practice*. New York: Routledge.
- Strauss, A. L., Fagerhaug, S., Suczek, B., & Wiener, C. (1982). The work of hospitalized patients. *Social Science & Medicine*, 16(9), 977–986.
- Sunikka, S. (2016). *Hietsussa yöpyneiden asunnottomuuspolut: Liikkuvuus asunnotomuuden ja asuntoväestön välillä*. Licentiate thesis. Helsinki: University of Helsinki, Faculty of Social Sciences [in Finnish].
- Sverdrup, H., & Svensson, M. G. (2004). Defining the concept of sustainability: A matter of systems thinking and applied systems analysis. In M.-O. Olsson, & G. Sjöstedt (eds.), *Systems approaches and their application* (pp. 143–164). New York: Kluwer Academic.
- Tainio, H., & Fredriksson, P. (2009). The Finnish homelessness strategy: From a 'staircase' model to a 'housing first' approach to tackling long-term homelessness. *European Journal of Homelessness*, 3, 181–199.
- Tampereen kaupunki (2020). *Asunnotomuuden puolittamisen toimenpideohjelma 2020–2022*. https://www.tampere.fi/material/attachments/uutiskeskus/tampere/a/BerGXBUep/asunnottomuuden_puolittamisen_toimenpideohjelma.pdf (16.9.2021; in Finnish).
- Toffler, A. (1970). *Future shock*. New York: Random House.
- Toulmin, S. (1972). *Human understanding: The collective use and evolution of concepts*. Princeton, NJ: Princeton University Press.
- (1999). The idol of stability. In G. B. Peterson (ed.), *The Tanner lectures on human values* (vol. 20, pp. 325–354). Salt Lake City, UT: University of Utah Press.

- Triste, L., Vandenabeele, J., Lauwers, L., & Marchand, F. (2020). Strategies for expansive learning in sustainable farming initiatives: A CHAT analysis of a Dutch case. *International Journal of Agricultural Sustainability*, 18(5), 392–409.
- Tsemberis, S. (2010). *Housing First: The pathways model to end homelessness for people with mental health and substance use disorders*. Center City: Hazelden Publishing.
- Tulle, E. (2004). *Old age and agency*. New York: Nova Science Publishers.
- Turnbull, D. (2000). *Masons, tricksters and cartographers: Comparative studies in the sociology of scientific and indigenous knowledge*. London: Routledge.
- Vänninen, I., Pereira-Querol, M., & Engeström, Y. (2015). Generating transformative agency among horticultural producers: An activity-theoretical approach to transforming integrated pest management. *Agricultural Systems*, 139, 38–49.
- Vänninen, I., Querol, M. P., & Engeström, Y. (2021). Double stimulation for collaborative transformation of agricultural systems: The role of models for building agency. *Learning, Culture and Social Interaction*, 30, 1–12.
- Varela, F. J., Thompson, E., & Rosch, E. (1991). *The embodied mind: Cognitive science and human experience*. Cambridge, MA: The MIT Press.
- Vasilyuk, F. (1988). *The psychology of experiencing*. Moscow: Progress.
- Vergne, J. P., & Swain, G. (2017). Categorical anarchy in the UK? The British media's classification of bitcoin and the limits of categorization. In R. Durand, N. Granqvist, & A. Tyllström (eds.), *From categories to categorization: Studies in sociology, organizations and strategy at the crossroads* (pp. 187–222). Bingley: Emerald.
- Vidal-Gomel, C., & Rogalski, J. (2007). La conceptualisation et la place des concepts pragmatiques dans l'activité professionnelle et le développement des compétences. *Activités*, 4(1), 49–84.
- Virkkunen, J., & Newham, D. S. (2013). *The Change Laboratory: A tool for collaborative development of work and education*. Rotterdam: Sense Publishers;
- Vosniadou, S. (2007). Conceptual change and education. *Human Development*, 50(1), 47–54.
- Vygotsky, L. S. (1987a). The problem of will and its development in childhood. In R. W. Rieber, & A. S. Carton (eds.), *The collected works of L. S. Vygotsky: Vol. 1. Problems of General Psychology* (pp. 351–358). New York: Plenum Press.
- (1987b). Thinking and speech. In R. W. Rieber, & A. S. Carton (eds.), *The collected works of L. S. Vygotsky, Vol. 1: Problems of general psychology* (pp. 39–287). New York: Plenum.
- (1994). The development of thinking and concept formation in adolescence. In R. van der Veer, & J. Valsiner (eds.), *The Vygotsky reader* (pp. 185–265). Oxford: Blackwell.
- (1997). Self-control. In R. W. Rieber (ed.), *The collected works of L. S. Vygotsky, Vol. 4: The history of the development of higher mental functions* (pp. 207–219). New York: Plenum.

- Wartofsky, M. W. (1978). *Models: Representation and the scientific understanding*. Dordrecht: Reidel.
- Waterman, A. S. (ed.) (2014). *Service-learning: Applications from the research*. London: Routledge.
- Weick, K. E. (1988). Enacted sensemaking in crisis situations. *Journal of Management Studies*, 24(4), 305–317.
- Weick, K. E., & Roberts, K. H. (1993). Collective mind in organizations: Heedful interrelating on flight decks. *Administrative Science Quarterly*, 38, 357–381.
- Wiesel, I. (2014). Mobilities of disadvantage: The housing pathways of low-income Australians. *Urban Studies*, 51(2), 319–334.
- Zinchenko, V. P. (1985). Vygotsky's ideas about units for the analysis of mind. In J. V. Wertsch (ed.), *Culture, communication, and cognition: Vygotskian perspectives* (pp. 94–118). Cambridge: Cambridge University Press.
- Zott, C., & Amit, R. (2010). Business model design: An activity system perspective. *Long Range Planning*, 43(2–3), 216–226.