

Reading list for Younger Children's Learning in Science, Technology and Sustainable Development, 949A25, 2019

Obligatorisk kurslitteratur

Amin, T., Jeppsson, F., & Haglund, J. (2015). Conceptual Metaphor and Embodied Cognition in Science Learning: Introduction to Special Issue. *International Journal of Science and Education*.

Axell, Cecilia. (2015). Barnlitteraturens tekniklandskap. En didaktisk vandring från Nils Holgersson till Pettson och Findus. *Studies in Science and Technology education* 81. Linköpings Universitet.

Glenberg, A. M. (2008). Embodiment for education. *Handbook of cognitive science: An embodied approach*, 355-372.

Haglund, J., Jeppsson, F., & Schönborn, K. J. (2016). Taking on the heat—A narrative account of how infrared cameras invite instant inquiry. *Research in science education*, 46(5), 685-713.

Jeppsson, F. (Eds). (2018). *Naturvetenskap och teknik genom estetiska lärprocesser i förskolan*. Natur & Kultur Akademisk.

Jeppsson, F. & Frejd, J. (2018). Naturvetenskap och energi In Jeppsson, F (Eds), *Naturvetenskap och teknik genom estetiska lärprocesser i förskolan* (pp. 83-97). Natur & Kultur Akademisk.

Jeppsson, F., Frejd, J., & Lundmark, F. (2017). Wow it turned out red! First, a little yellow, and then red! – First graders work with heat camera in exploring and learning of thermal phenomena. *Journal of Research in Childhood Education*. 31(4), 581-596

Kultti, A., Larsson, J., Ärlemalm-Hagsér, E., & Pramling-Samuelsson, I. (2016). Early Childhood Education for Sustainable Development in Sweden. In *International Research on Education for Sustainable Development in Early Childhood* (pp. 123-137). Springer International Publishing.

Larsson, J. (2013). Children's encounters with friction as understood as a phenomenon of emerging science and as "opportunities for learning". *Journal of Research in Childhood Education*, 27(3), 377-392.

Larsson, J. (2016). Emergent Science in Preschool: The Case of Floating and Sinking. *International Research in Early Childhood Education*, 7(3), 16-32.