



LeaD – Learning Design

Kristianstad University



Learning Design – LeadD

A research theme at
Kristianstad University,
Sweden

What does it take to learn and why do individuals in the same learning situation learn differently? Such questions are in focus in this research theme. By highlighting diverse areas where learning takes place such as school, work life, pre-school settings and also how those with learning deficits learn, we aim to study the use of variation theory in different contexts. This is the theoretical framework that unites LeadD's work; our research subjects vary, however.

We collaborate with local, national and international actors, such as teachers at different levels and in different educational settings, municipalities, universities and international organisations.

LeadD's scientific leader is Associate Professor Mona Holmqvist, Kristianstad University and University of Gothenburg, Sweden.

Current projects

Learning study at preschool. The Learning Study model has been implemented and developed in school settings, but we also study how the model could be used at pre-school level for investigating young children's learning. Studies in the natural sciences and mathematics have been carried out thus far. A number of publications (3) and conference papers (5) have been published in this field. Researchers: Agneta Ljung-Djärf, Mona Holmqvist, Andreas Magnusson, and Charlotte Tullgren.

Learning Study at school and Generative Learning. A research project called "The Pedagogy of Learning", founded by the Swedish Research Council, aimed to study how the Learning Study model could be implemented in Sweden. It was lead by Mona Holmqvist and involved researchers from University of Gothenburg (Ferenc Marton & Ulla Runesson) and Kristianstad University. In these studies a certain pattern of variation was found, which developed generative learning, i.e. learning beyond the learning situation. The results of our studies have been published as articles (9) or conference papers (5). Researchers: Helen Bergentoft, Albina Brunosson Göran Brante, Åse Freiburghaus, Mona Holmqvist, Per-Ola Holmqvist, Andreas Magnusson, Malin Ohlin, Marta Palla, Birte Sandberg, Eva Wennås Brante.

Learning Study at leisure centers. Learning Study has also been tested in Swedish leisure centers. To date, one learning study focusing on bullying as the object of learning has been performed. The intention in the study was to refine children's understanding of what is and what is not bullying and

preventing them from taking part in such activities. Another study aims to test if and how a learning study can be applied to a teacher training programme within the field of vocational training. Researchers: Madeleine Beckman-Arenhill, Björn Hjertqvist, Mona Holmqvist, Eva Wennås Brante.

Learning Study in teacher education. "To theorize teaching and learning" (Göran Brante in charge) is a project aiming to test if a learning study can be applied to teacher education. In the first study, the object of learning was learning theories. The learning study concerns student teachers' views on variation in teaching. Another project is studying in what way a learning study can be applied to teacher students' vocational training as a means of developing students' understanding of pupils' learning in defined school subjects or fields of interest in leisure centers. Researchers: Göran Brante, Björn Hjertqvist, Mona Holmqvist, Per-Ola Holmqvist, Marta Palla.

Variation theory and special education. In special education the focus is on autism, Asperger's syndrome, ADHD and dyslexia. Concerning dyslexia, eye-tracking equipment is used to study how people with dyslexia and those without focus in a text and what is discerned when reading. This project is funded by the Swedish Research Council. Researchers: Ingrid Bergstrand, Mona Holmqvist, Eva Wennås Brante.



Learning Study

A Learning Study is an iterative process, designed in a cycle. In a Learning Study, the teachers decide what the focus of the study will be, perhaps in collaboration with a researcher, but not necessary.

Contact:

www.hkr.se/lead
mona.holmqvist@hkr.se

Publications from members of LeaD on the subjects of variation theory and Learning Studies can be found at:
www.hkr.se/templates/Page____7867.aspx