Active Learning Observation Networks
Visualizations, analyses and relations to didactic theory
Alavi, Karen; Holm-Janas, Viktor; Bruun, Jesper

Publication date:
2022

Document version
Publisher's PDF, also known as Version of record

Document license:
CC BY-SA

Citation for published version (APA):
Active Learning Observation Networks
Visualizations, analyses and relations to didactic theory
Karen Alavi, Viktor Holm-Janas, and Jesper Bruun, University of Copenhagen

1. From observation protocols to network maps

- Video recording
- Coding scheme
- Network transformation

![Diagram showing network transformation](image)

Two cameras/classroom set up by teacher

2. Network maps reveal differences in implemented lesson structure

- Teacher 1: Student-driven inquiry
- Teacher 2: Teacher-driven classroom dialogue

![Diagram comparing teacher approaches](image)

3. Models for active learning in the sciences (based on Lombardi et al 2021 [5])

Teachers in Denmark do not recognise simplified transmissive models [5], but not all subscribe to inquiry-style active learning. "Directed Learning" may be an alternative.

![Diagram illustrating active vs. directed learning](image)

Selected Literature


Contact
Jesper Bruun
Associate Professor
jbruun@ind.ku.dk
bit.ly/jesperbruun