



### Student teachers discussing literature

A comparison between online and offline discussions




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### Professional development through reflective practice

- Donald Schön, 1987




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### Research question

- What happens when literature discussions go online?




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### Student teachers

- Offline group discussions
- Offline class discussions
- Online group discussions




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### Instructions

Start from the text and discuss:

1. What is interesting or exciting?
2. What can be questioned?
3. What will you use in your future work?




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### Theoretical standpoint

- Blythe McVicker Clinchy's levels of *knowing* (critical thinking).
  - Received knowing
  - Procedural knowing
  - Separate and connected knowing



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**Data**

- Video recordings
- Written discussions

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**Findings**

- The discussions online had a similar structure as the offline discussions, but there are less words online
- Different students take place online and offline
- The students develop their thoughts less when the teacher is present

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**Offline group discussion**

Adam is mostly quiet, humming or making short, one-word phrases or incomplete sentences, as:

*The personal cases?*

*I found it a little bit obvious myself.*

*Yes, I thought he was a little bit...*

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**Online group discussion**

Another student is initially referring to a couple of computer games, CIV and Backpacker.

*CIV is really possible to use in history and geography classes. Regarding to the "authentic" aspect the game affords when you have to choose what things to develop at what time and with which kind of resources, etc. The problem with using games in education is, as we said earlier, how to assess this? (Adam)*

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**Adam's reflection**

*In spite of the technology this was enormously disturbing and hard to get control of anything, but anyhow an experience.*

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**Conclusions**

- Individuals have different preferences
- The digital landscape offers many possibilities in this respect
- Teacher educators should have a variety in modes to give student teachers better possibilities to develop their reflections
- Training is needed since it is known that the way media is mastered affects the message

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### Conclusion

- More questions than answers
  - How do we design a learning environment that encourages all students to share their thoughts and experiences in order to become reflective practitioners?
  - Is it possible to combine several modes?

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### Thank you for listening!

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