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Radiant
Lerarenopleidingen

Students' Basic Psychological Needs in Blended Teacher Learning Groups

Networked Learning Conference 2022

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Agenda

Part 1:

- ❖ Workshop aims
- ❖ Research questions, method and results

Break and part 2:

- ❖ Working in a reallife TLG

Part 3:

- ❖ Difficulties
- ❖ Keys to success

Aims of this workshop

Understand the relationship between social configurations of blended TLGs and students' basic psychological needs.

Share recommendations for facilitating blended TLGs to support students' basic psychological needs.

Vrieling-Teunter, E., de Vries, N., Sins, P., & Vermeulen, M. (in press). Student motivation in teacher learning groups. *European Journal of Teacher Education*.

What is your prior knowledge?

Concerning facilitating students' basic psychological needs in TLG?



Go to <https://www.menti.com> and use the code 7813 6010

Context and research question

Context

- Four different primary teacher training institutes in the Netherlands (2020-2021)

Research question

- To what extent is blended TLGs' social configuration related to students' basic psychological needs?

Method

Dimensions of Social Learning

- Practice integration
- Long term orientation and goals
- Shared identity and equal relationships

Basic Psychological Needs

- Autonomy
- Relatedness
- Competence

Vrieling-Teunter, E., Vermeulen, M., & de Vreugd, L. (in press). Assessing social configurations in teacher learning groups: The 'dimensions of social learning questionnaire'. *Journal of Education for Teaching*.

Chen, B. et al. (2015). Basic psychological need satisfaction, need frustration, and need strength across four cultures. *Motivation and Emotion*, 39(2), 216-236.

Data-analysis

Qualitative analysis

- Atlas.ti
- ICA: Krippendorff's alpha coefficient

Quantitative analysis

- Kruskal-Wallis test
- Kendall's Tau-b tests

Results

Autonomous choices

- Practical assignments
- Personal goals
- Collaborating partners or initiative in equality

Results

Sharing and exploring guidelines for student facilitation
Autonomy



Go to <https://ap.lc/QLhSB> and use the password TLG

Results

Feeling related

- Support and collaborate practical assignments
- Collective or personal goals
- Reciprocity and sense of security

Results

Sharing and exploring guidelines for student facilitation
Relatedness



Go to <https://ap.lc/QLhSB> and use the password TLG

Results

Feeling competent

- Accomplish practical assignments
- Goal orientated
- Collective responsibility and reciprocal relationships

Results

Sharing and exploring guidelines for student facilitation
Competence



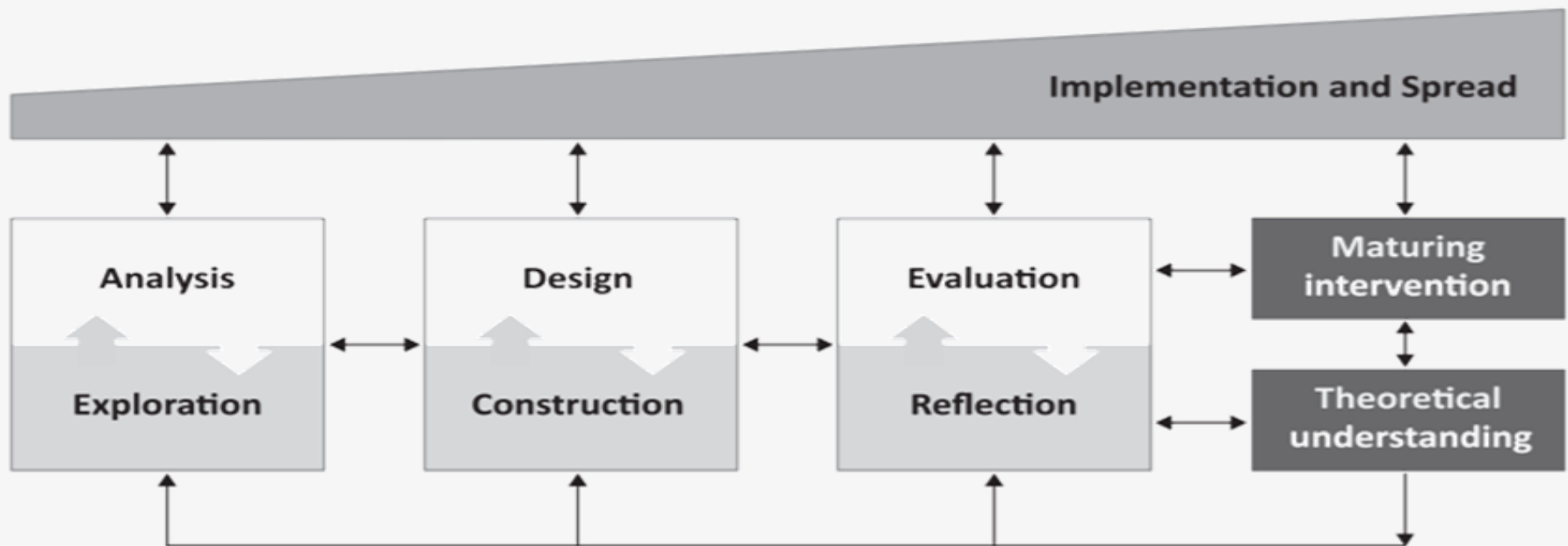
Go to <https://ap.lc/QLhSB> and use the password TLG

Let's take a break



Working in a reallife TLG!!

Figure 1: Generic Model for Conducting Educational Design Research



McKenney, S., & Reeves, T. C. (2018). *Conducting educational design research*. Routledge.

Working in a reallife TLG!!

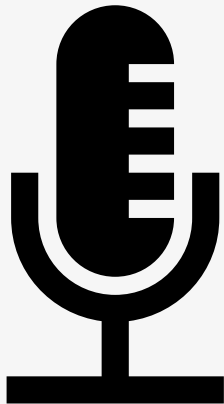
Analysis and exploration: Blended learning



Go to <https://ap.lc/WxDhn> and use the password TLG

Difficulties in blended TLGs

How to make it into a success?

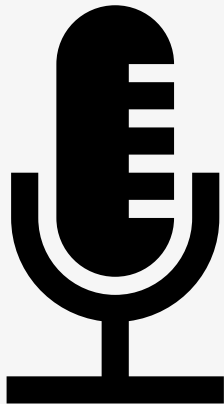


“Doing research in elementary schools ... was very difficult during the lockdown” (Institute C).

Go to <https://ap.lc/BUUpD> and use the password TLG

Difficulties in blended TLGs

How to make it into a success?

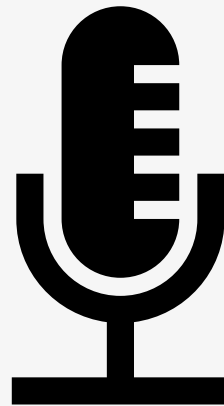


“There are fewer of those little moments to catch up on the weekend or other things” (Institute C).

Go to <https://ap.lc/BUUpD> and use the password TLG

Difficulties in blended TLGs

How to make it into a success?



“It's actually more about the things they [students] encounter ... than what you would normally want to exchange. There's no room for that” (Institute D).

Keys to success

- Organize TLG meetings with entire group
- Align practical assignments and goals
- Organize discussions about practical experiences
- Organize informal discussions
- Encourage safety, equality and connectedness
- Provide emotional support
- Provide assessment choices
- Allow flexible study schedule
- Organize discussions about study schedule
- Pursue results

Keys to success: Blended TLGs

"If I hadn't been in the network [TLG] during the COVID crisis, my motivation would have plummeted" (Institute A).

THANKS
FOR
YOUR
ATTENTION

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