

Learning in teams

Refresh Teaching, 28 June, 2017

LET - Benno Volk & Pascal Schmidt

Agenda

- Introduction
- Setting up learning groups
- Longterm coaching & mentoring of groups
- All discuss lessons learned
- Resources, Checklists

Approach / Definition

- **Team-based learning** (TBL) helps instructors develop an active teaching approach for the classroom through group work.
The TBL infrastructure engages students in the learning process through [...] problem-solving, team discussions and peer feedback to ensure accountability.

Whitley, H.P.; Bell, E.; Eng, M.; Fuentes, D.G.; Helms, K.L.; Maki, E.D. & Vyas D. (2015). Practical Team-Based Learning from Planning to Implementation. In: American Journal of Pharmaceutical Education, Vol. 79, Issue 10, Article 149.

From your current teaching experience: Lessons learned around «learning in teams»... 5 min.

Keep on
doing 😊

Still
exploring (?)

Avoid



Increasing relevance of collaborative learning in future work places

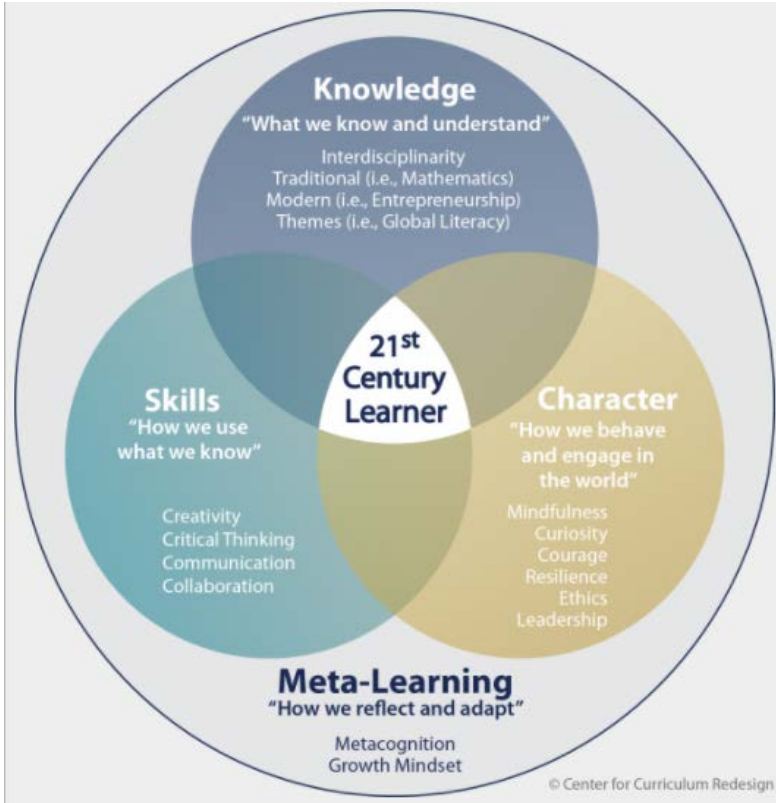
«Collaborative Learning is more effective in producing academic achievement than individual or competitive learning»

Bialik, M.; Bogan, M.; Fadel, C. & Horvathova, M. (2015). Education for the 21st Century. Boston: Center for Curriculum Redesign.

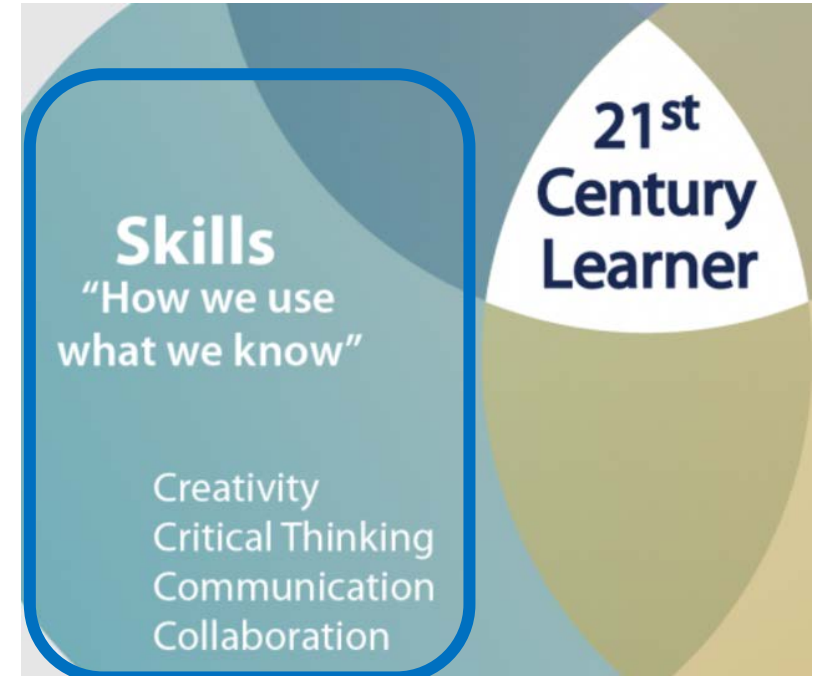
Possible in all rooms



The competences learners need to succeed



<http://curriculumredesign.org/>



Success factors and challenges for team based learning

Teachers

1. Carefully compose groups
 - a) Prior knowledge?
 - b) Motivations & Attitudes?
 - c) Heterogeneity?
 - d) Age and level?
2. Define clearly each student's role and responsibility
3. Supervise group work (dynamics)
4. Create quality task (meaningful and clear)
5. Give clear instructions incl. the collection and discussion of results
6. Ensure «participative safety» and teach listening skills
7. Develop skills of thought-provoking questioning and discussion

Students

1. Be clear about roles and responsibilities
2. Develop skills in:
 - Collaboration
 - Communication
 - Critical Thinking
 - Creativity
3. Demonstrate openness, flexibility and constructive attitudes

Resources

1. Rooms & Equipment
2. Time for preparation
3. Budget for tools and projects
4. Online-Spaces, Collaboration tools

Marcel Frehner: Setting up groups

Ina Goller

**Learning the teams
– running the length of a semester**

After today's event (5 min):

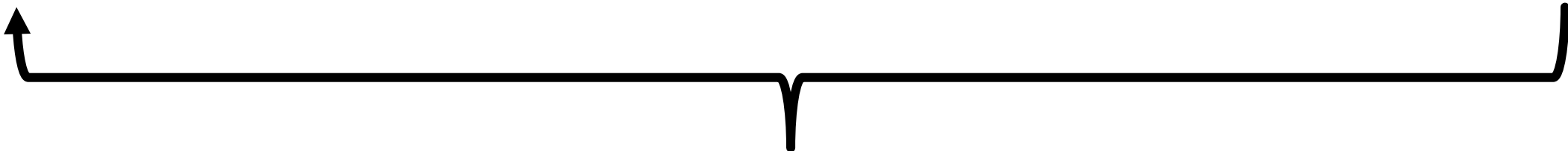
Add lessons learned around «learning in teams» on same sheets

Keep on doing 😊

Still exploring (?)

Avoid





Summary of your inputs – will be shown on event website

Outlook:

New Course: Teaching Lab «Collaborative Learning»

First Workshop: 2. November 2017 (Online-Start October 2017)

**Detailed Information sent via email at semester start
September 2017**

**Contact: Pia Scherrer & Melanie Walter
Email: melanie.walter@let.ethz.ch**

Event-Website: Presentations, Resources, documents, links



<https://blogs.ethz.ch/refreshteaching/2017-dates-topics/learning-in-teams/>

Ina Goller

slides

Poster: Skills for creativity and innovation



Marcel Frehner

slides

LET

slides



Handout
Creating Participatory Learning Activities



Handout
Giving clear instructions

Online-Courses



<https://www.lynda.com/Business-Skills-tutorials/Welcome/175129/359969-4.html>



Total 25 min.



Working in Teams: A Practical Guide

Learn how to build effective teams, be a great team player and manage team conflict.

THE UNIVERSITY OF QUEENSLAND AUSTRALIA

Archived
Future Dates To Be Announced


Enroll Now

I would like to receive email from The University of Queensland and learn about other offerings related to Working in Teams: A Practical Guide.

<https://www.edx.org/course/working-teams-practical-guide-uxq-teams101x-0#!>



Total 6 -8 hrs.



Creating a Team Culture of Continuous Learning

University of Pennsylvania

<https://www.coursera.org/learn/continuous-learning-culture#>



Total 8 – 16 hrs.