DIYLab - experiences of do-it-yourself learning in higher education

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http://diylab.eu/

The warm up video from Barcelona: https://www.youtube.com/watch?v=RRcz-83XX2A
Introduction video

https://youtu.be/8u-wtbCZq9c
Partners

- University of Barcelona, Spain, coordinator
- Escola Virolai, Barcelona, Spain
- University of Charles, Prague, Czech Republic
- Korunovacnì School, Prague, Czech Republic
- University of Oulu, Finland
- Teacher training school of University of Oulu, Finland
Do It Yourself In Education EU project

- The goal is to activate students to take care of their own learning by allowing them to choose own focus, methods and tools
- At the same time learning supports achieving the competencies, specially the 21st century skills, especially
  - Self-regulation
  - Digital competence
  - Collaborative learning
  - Multidisciplinary
  - Phenomenal learning
21st Century Skills

Critical Thinking
- Information & Discovery
- Interpretation & Analysis
- Reasoning
- Constructing Arguments
- Problem Solving
- Systems Thinking

Collaboration
- Leadership & Initiative
- Cooperation
- Flexibility
- Responsibility & Productivity
- Collaborate Using Digital Media
- Responsiveness & Constructive Feedback

Communication
- Effective Listening
- Delivering Oral Presentations
- Communicate Using Digital Media
- Engaging in Conversations & Discussions
- Communicating in Diverse Environments

Creativity
- Idea Generation
- Idea Design & Refinement
- Openness & Courage to Explore
- Work Creatively with Others
- Creative Production & Innovation

Metro 4Cs Rubric Performance Areas

Lähde: https://sites.google.com/a/fargoschools.org/discovery-library-technology/21st-century-skills
Progress in the project

2014
ANALYSIS
TEACHER TRAINING

2015
IMPLEMENTATION

2016
IMPROVEMENTS
SOCIO-ECONOMIC EVALUATION

Let the Czech tell about the project in Charles University, Prague: https://youtu.be/Gf6VuoAfdaM
“Digital objects”

- DIYLab activities in schools and universities produced over 150 digital objects which have been shared in the hub ([http://hub.diylab.eu/](http://hub.diylab.eu/))

- Digital object is a result of learning - it can be anything digital, for example video, e-book, slide show, document, picture collection etc.
  - Digital portfolio: http://lauraagpg.wix.com[curriculum-vitae-r]
  - Learning as a process:https://youtu.be/xigIByxPWIo
Discussion

- What is DIY Learning (philosophy)?
- How has your university taken into account the elements of DIY in learning? Give examples, if possible.
- How to develop university students 21st century skills and digital competence?
- What challenges will university / teaching / teacher / student meet when implementing DIY philosophy in learning?
- How do we make the change and activate students to take care of their own learning?
Let’s see again what they tell us from Prague:

https://youtu.be/Gf6VuoAfdaM
Review of the results (5 mins / group)

What is the diamond of your group?

The idea what made you think and talk?
- And maybe later you will put it into action!
The anthem

The 8th grade pupil Mamadou is singing Finnish regional anthem of Kainuu: “Nälkämään laulu”, in Finnish.
– Giving his contribution and talent to the project. (Finnish is not his mother tongue.)
The song is recorded for the video: “Raatteentie, the road of War and Peace (8th grade)”

Like in all videos and presentations, the presentation is just the tip of the iceberg. The process: planning, filming, editing etc. is the main activity. In “the main video” Mamadou is singing in playback and the original singing is from this take. All the editing etc. was done by pupils.
