



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>

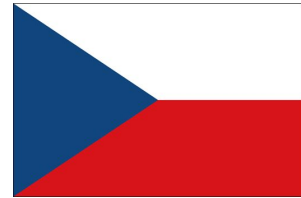


Partners

- University of Barcelona, Spain, coordinator
- Escola Virolai, Barcelona, Spain

- University of Charles, Prague, Czech Republic
- Korunovacní 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



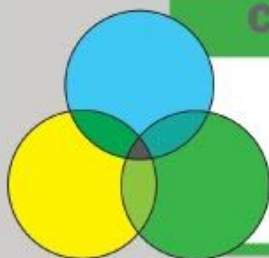
21st Century Skills

Metro 4Cs Rubric Performance Areas



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

Writing to:

- Inform
- Support an Argument With Claims
- Engage and Entertain



Creativity

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

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/>)
- 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/xiglByxPWIo>

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!



**TOTALLY
UNPREPARED**



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.

<http://hub.diylab.eu/2016/01/08/nalkamaan-laulu-regional-anthem-of-kainuu/>



DIYLAB



Lifelong Learning Programme

<http://diylab.eu/>



TOPIK

OULUN YLIOPISTO
UNIVERSITY OF OULU

