Laser cut stacked Einstein

To get a taste of the educational resources we've developed, you can check out the lasercut stacked object tutorial. This activity is about assembling a 3D item made of cardboard or MDF, to understand how 3D printing works.

https://www.instructables.com/id/Laser-Cut-Stacked-Einstein/

PRIMĂRIA MUNICIPIULUI ALBA IULIA

DIGIJEUNES

FABLAB PAU

VECTOREALISM

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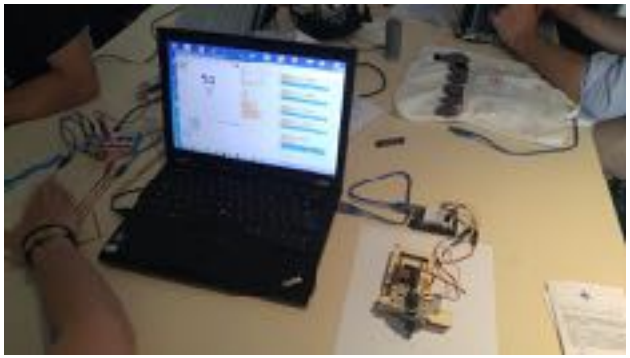
FabEdu

FabEdu is a European cooperation project that aims to bring innovation in the field of youth work. The initiative is lead by Digijeunes, in partnership with Vectorealism (Italy), Fablab Pau (France), the municipality of Alba Iulia (Romania), and Combustible Numérique (France).



Objectives

Over a period of 18 months the project consortium produced a set of open educational resources on the topic of digital fabrication. The project's deliverables are expected to facilitate the implementation of educational digital science workshops across Europe, thus contributing to improving digital literacy among youth, and challenging the digital divide.

Results

We have produced a number of tutorials and physical objects to enable youth workers across Europe to launch their own hands-on workshops on digital fabrication.

Our educational resources rely exclusively on free and open source hardware/software, and are divided into 3 modules :

- Introductory activities on digital fabrication

- Hands-on activities on 3D modeling, 3D printing, laser cutting, 3D scanning, and traditional DIY

- Tutorials on how to build and use mini DIY CNC machines

The complete set of outputs is available on :

www.fabeduproject.eu

Communication

Our communication campaign covered all participating organizations' countries, thus reaching several hundreds youth practitioners and young people across France, Romania and Italy.

The FabEdu team was notably involved in a number of public events on maker and digital culture such as the Toulouse Mini Maker Faire, or the Manifattura Milano.

If you'd like to comment on our work or get in touch with the FabEdu team don't hesitate to contact us at : info@digijeunes.com

You can also gain further insights into our communication efforts by searching for #FabEdu on social networks, or by visiting the project's facebook page :

https://www.facebook.com/fabeduproject/