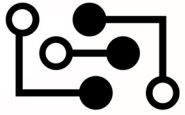


## SAMPLES



**Electronic Snap Circuits**



To get a taste of the educational resources we've been working, you can check out this thingiverse entry on DIY snap circuits.

We aim to expand in this topic by prototyping extra modules in line with the snap circuit concept.



**The Polargraph**



We have been developing our own open source version of a polargraph, that is a cnc machine capable of transferring digital drawings on any flat surface.

The polargraph is also an inexpensive way to educate youth on topics such as digital fabrication and digital design.

Check out this version of a polargraph, developed by eMotionTech.

## CONCEPT

Makerspaces are gathering points where communities of new and experienced makers connect to work on real and personally meaningful projects, informed by helpful mentors and expertise, using new technologies and traditional tools.

The objective of our project is to promote makerspacelike environments and educational making activities as means to foster social inclusion of young people.

In a makerspace setting, youth can boost their selfconfidence, foster a team work spirit, develop a sense of agency, as well as their ability to effectively communicate thoughts and feelings, creativity, persistence and social responsibility.

# Makerspace for Inclusion

maker education  
setting up a makerspace  
open source hardware  
educational resources  
hands-on activities



### PARTNERS



Trànsit Projectes

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## OBJECTIVES

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Over a period of 2 years, the project consortium will produce a set of open educational resources on the topic of digital DIY and making. The project's deliverables are expected to facilitate the implementation of maker educational workshops across Europe, thus contributing to improving digital literacy among youth, and challenging the digital divide.

Additionally, we aim to encourage youth, especially young people who find themselves in a situation of disadvantage or exclusion, to re-activate themselves notably by engaging with local communities of makers.

## RESULTS

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At the moment, we are working on the following deliverables :

- A **guide to maker education**, which shall accompany any youth worker in the implementation of maker education activities. Among other things, the guide will include detailed suggestions as for the supplies needed for maker education, suitable locations, tips to edit communication supports, ideas for hands-on maker education activities.
- A **MOOC** course about setting up a makerspace suitable to host young people. The course shall include a mixture of multimedia content.
- A **set of items** aiming to acknowledge the skills and competences acquired by youth in a makerspace setting (ex. achievement belts, achievement badges).
- A set of **open source hardware** to get started with maker education (ex. cnc plotter, motor shield for cnc machines).

## COMMUNICATION

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Our communication campaign is meant to cover all participating organizations' countries, thus reaching several hundreds youth practitioners and young people across France, Romania, Italy, Spain and Belgium.

The Makerspace4Inclusion team will notably be involved in a number of public events on maker and digital culture such as the Toulouse Mini Maker Faire, the Maker Faire Ghent, or the YOMO Festival in Barcelona.

If you'd like to comment on our work or get in touch with the makerspace4Inclusion team don't hesitate to contact us at: [makerspaces4inclusion@gmail.com](mailto:makerspaces4inclusion@gmail.com) You can also gain further insights into our communication efforts by searching for #M4Inclusion on social networks, or by visiting the project's website.