Glossary Digitalent

Processing

This is a simple programming language especially suitable for the creation of visual art and interactive graphics. Processing is often used by artists in "digital arts". It is an open source program (free of charge).

Wiki on Processing: https://en.wikipedia.org/wiki/Processing_(programming_language)

3D modeling and printing

3D printers are already revolutionizing the world. A 3D printer is essentially a conventional printer, except that it prints three dimensional objects made from a variety of raw materials and using different procedures.

Today it is possible to print objects made of plastic, metal and many other materials.

The objects to be printed can be modeled with a 3D software program or simply scanned with a 3D scanner. The software programs used in the training are also open source (free of charge).

The Internet is brimming with documentation and models ready to be printed. One of these many references: https://en.wikipedia.org/wiki/3D_printing

Arduino

This is a small electronic card that you program to analyze and produce electric signals in order to perform a great variety of tasks such as home automation (controlling household appliances - lighting, heating, etc.), operating a robot, on-board computers, etc. There are an unlimited number of uses.

TED talk about Arduino:
http://www.ted.com/talks/massimo_banzi_how_arduino_is_open_sourcing_imagination?language=en

Design de site web

Internet site creation has developed considerably. There are a host of open source tools which facilitate this process thanks to the use of templates (Wordpress, Joomla, etc.).

YouthStart

The mission of non-profit association YouthStart is to encourage the social and professional integration of young people by giving them practical training in entrepreneurship. The direct approach applied by YouthStart and the very practical bent of the knowledge imparted enable the participants to discover the power and energy of the entrepreneurial spirit. More specifically, in this module, the young people will grow their company in their own individual way. They will use their passions and desires as a basis to develop their company in a fictitious way.

Reference site: http://www.youthstart.be/index.php?id=1&L=2

Communication course

This course aims to develop young people's oral communication skills (presentation, managing questions, etc.).

Coaching on obtaining a job

An a la carte course (for groups and/or individuals) which differs from one city to another. The common goal is to equip young people with the means to face the employment market (CV, covering letter, job interview), but also to draw up a specific plan for after Digitalent (what other courses interest you, what kind of job would you like to aim for and what are your strengths and weaknesses?).

Open source

The "open source" or "open source code" designation applies to software whose license complies with criteria precisely established by the Open Source Initiative, i.e. the possibilities of free redistribution, access to the source code and the creation of derivative works.

"Open source" refers to a software program in which the source code is available to the public at large, and is generally a collaborative effort in which the programmers improve the source code together and share the changes with the community.

Wiki: https://en.wikipedia.org/wiki/Open_source