



## Jean-Pierre DUFRESNE

### Collaborative manufacturing workshops

#### CV

Consultant in the integration of educational digital with schools in Quebec.

As a high school teacher for 16 years, I have developed an expertise in the use of digital educational resources. The pedagogical approach of project is at the base of my professional practice and strongly directed the choice of my tools of work.

As a techno-pedagogical advisor, I offer training and support in the use of digital instruction to teachers and school authorities.

My collaboration with different organizations such as the Technology-Education Showcase (laboratory and articles), Cadre 21 (graphic organizers badge) and the International Baccalaureate allowed me to establish a professional network related to the evolution of digital education.

#### RESUME OF THE INTERVENTION

Digital manufacturing workshops, also known as Fab Lab, have been in full swing for more than a decade in Quebec. The announcement of the Fab16 and Fab City conference to be held in Montreal in July 2020 is an opportunity for the Quebec movement to raise awareness of the richness of these community spaces and their impact on the world. education.

##### **Part 1 - The Fab lab movement in Quebec and the main concepts**

<https://mm.tt/1280908340?t=JNQDM19e75>

Overview of the development of the Fab Lab movement in Quebec; presentation of some of the leading organizations that play a role in the deployment of open innovation laboratory practices and the different forms that collaborative workshops can take.

##### **Part 2 - Creating a Collaborative Workshop**

<https://mm.tt/1282646436?t=7bTSfVgT3R>

Issues related to setting up a collaborative workshop, creating a community, choosing the location of a workshop, choosing equipment and managing the workshop.

##### **Part 3 - Promote the pedagogical integration of a collaborative workshop.**

<https://mm.tt/1283101363?t=UGzpHMNvoP>

*Question of the pedagogical integration of collaborative workshops (SMEAC model presentation).*

#### URL LINK

[https://youtu.be/f-49TiW\\_Jvo](https://youtu.be/f-49TiW_Jvo)