



Advancing Digital Empowerment of Libraries in Europe

Case studies template

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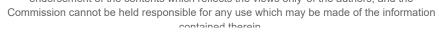








Library presenting the case study (Name, city, website and contact details)	Multiplo - Centro Cultura Cavriago Website: <u>http://www.comune.cavriago.re.it/multiplo/</u> General email: <u>multiplo@comune.cavriago.re.it</u> Contact email: <u>f.bulgarelli@comune.cavriago.re.it</u>
Title of the case study	Digital labs
Area of ADELE tool illustrated by the case study <i>Please underline the selected area</i>	 Management Infrastructure, Equipment and Support Continuing Professional Development Self-reflection on digital competences Learning opportunities on digital competences for users Collaboration, Networking, and Community
Description of the experience: aim, methods and outcomes	 Digital Labs aims to facilitate access to digital culture, learning new literacy at all ages and ensure the rights of access to an appropriate level of digital skills. Multiplo is increasingly becoming an accessible and participatory place that promotes processes of learning, creativity and discovery. Atelier 2 is the space in the library dedicated to digital workshops, open on Wednesdays and Thursdays from 3 to 7 p.m. Atelier 2 is equipped with: BeeBot and M-Bot robots for teaching children and young people; 3d printer and related design software makey makey devices personal computers and tablets equipped with the open source coding software Scratch audio, photo and video equipment A staff member is available to guide people in using the equipment. Following the learning-by-doing methodology, culture and skills for informed enjoyment and critical and creative processing of cultural products are diffused, through the experimentation of innovative and inclusive methods to diffuse skills in scientific subjects (STEAM) and
Resources needed to implement the idea Please, provide any link and/or send them in attachment	 the updating of professional skills. Trained and specialized staff member for 8 hours a week, in addition to a couple of hours of programming and design; Equipment: 1 Anycubic 3d printer; 6 M-Bot robots; 6 BeeBot robotic bees for preschoolers; 1 Makey Makey kit; 3 tablets with audio; video and Scratch Junior applications; 10 personal computers with audio, video and scratch applications; 1 green screen kit, audio and video capture devices.
Target groups	Children 0-10 years Young people 10-17 years
Elements of innovation	Digital labs create the possibility of combining concrete and tangible aspects with virtual and technological aspects, allowing an encounter between analog and digital and promoting a creative and artistic approach. Indeed, the connection between real objects and
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	virtual experiences and vice versa can generate new approaches to learning, linked to social change and innovation. One of the goals of this project is to create situations that allow everyone to feel stimulated to solve problems through digital creativity and to indulge inclusive situations where everyone can feel valued in order to build positive and constructive relationships.
Tips to other library staff using this idea	To keep in mind that setting up the laboratory with appropriate technological equipment requires a minimum financial investment. To consider calls for proposals and funding for digital and innovation. To consider open source software as Scratch and free resources on the Web To train in both educational and digital technologies the staff run the labs.
Keywords	#equipment #newtechnologies #digitalskills #userskills #3dprinting #roboticskills #codingskills
References	https://www.comune.cavriago.re.it/multiplo/laboratori-digitali/ https://fb.watch/khX4VRN7II/ https://m.facebook.com/story.php?story_fbid=564552322382410&id =100064829402884 https://m.facebook.com/story.php?story_fbid=581689007335408&id =100064829402884



