

Future Classroom Ambassadors

ACTIVITY DIGEST

Issue #11, October 2020

European Schoolnet's Future Classroom Lab (FCL) has inspired several teachers, schools and organisations to create their own learning labs. The FCL Ambassadors are in many cases connected to these local initiatives that have been taken over the past years. Currently they try to map out all innovative learning labs of their country.

European Schoolnet recently updated the network of Innovative Learning Labs and Spaces and created a new label. In the upcoming period the members will be listed and featured on the website.

More info: [Network of Innovative Learning labs and Spaces](#)



BELGIUM

LEGO® Spike Prime training

A group of teachers of Provil school of Lommel and the Flemish Future Classroom Lab Ambassador took part in an excellent online training on the LEGO® Spike Prime. The session was led by *Dimitri Dekyvere* from Vives College in Kortrijk, Belgium.

During the session the participants learned hands-on how a LEGO® Spike Prime is programmed and several possibilities were demonstrated. Real-life problems were taken as examples during this training.

All this new knowledge will be used by the Provil teachers during STE(A)M lessons in the school. Primary schools in region will be offered to possibility to borrow LEGO® We Do 2.0 kits to work on STE(A)M related goals in their own schools. All participating teachers will receive a training and afterwards they will also get the opportunity to test out the LEGO® Spike Prime.



DENMARK

Distance Learning through Play Future Classroom Lab

FCL Denmark is a partner of the Educational Resources Center. The ERC currently works on a project that gathers experiences from the remote teaching that took place during the school closure in spring 2020. The project aims at exploring how distance learning or blended formats can support cooperation, creativity and motivation.

New teaching resources that include good practices will be developed. The resources will be used in a free online course for Danish teachers which will take place in March-April 2021.

The project is supported by the Lego Foundation and CFU DK and it will support students and teachers with playful approaches in an online and blended teaching context.

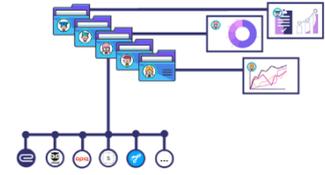
Distance
LEARNING
through **PLAY**

ESTONIA

Personal Learning Paths for Students

The Estonian Education and Youth Authority has started a procurement process to establish the digital infrastructure necessary to create personal learning paths for every student in the country. This is a start of a long process of establishing a personalized education model that will bring in data from different national and private databases in a safe and secure way. The process will result in the creation of personalized learning content across platforms and will lead to establishing new guidelines for physical infrastructure as well.”

Aivar Hiio, Lead FCL Ambassador for Estonia and the Future Classroom Lab in Tallinn will host an event for a range of different professionals about this national education infrastructure project.



FINLAND

FCLab Finland II

Since the FCL-project will receive funding, at least till until 2022, the Finnish Ambassadors will actively continue their work in the FCL network. The FCL labs of Finland will grow from three to seven and new labs can soon be found in Helsinki (2), Jyväskylä and Vaasa. Each Lab shares the same passion for the development of innovative learning spaces.

The goals of the network of FCLs are firstly, to develop the entire school into a zonal learning environment. Secondly, the FCL network will investigate effective ways to support the development of self-direction through the use of learning analytics and technology. Promoting phenomenon pedagogy using producer-centered working methods is also one of the areas for development. Lastly, The FCLab project carries out research, experimentation and development work, and the activities are extended also to teacher training.



HUNGARY

Future Classroom Course

The Future Classroom Course was officially accredited in August and now it is available for teachers in the Pedagogical Accredited Training System. The course, which is based on the updated FCLToolkit, focuses on helping the educators to rethink their learning methods and to create student-centered learning activities.

More info: [Future Classroom Course](#)



ISRAEL

Climate Action Project

FCL Beta is leading the Climate Action Project in Israel and expects dozens of teachers to join and bring hundreds of students to action for the planet and environment.

Minecraft for Education

in partnership with Petah Tikva Municipality, Elementary Education Dept and Braintop FCL Beta launched a unique programme combining Minecraft for Education - 5th Grade English Curriculum and Computational Thinking. 28 elementary schools, 112 classes and about 1600 students take part. The programme aims at improving critical thinking, creativity and English language skills. Due to Covid19 the whole programme is carried out remotely.



ITALY

Educare al futuro e alla vita

The Future Lab Lorenzo Farinelli at IIS Savoia-Benincasa Ancona organizes a set of webinars of the *Educare al futuro e alla vita* series, in collaboration with Future Education Modena and University of Bolzano. Among the themes are: Learning design, Digital Maths, Game-based learning and innovation in education and Brain-based teaching.



Following the lockdown of the spring 2020, educators are now aware of the necessity of a more flexible approach to their role, which is not only to be linked to emergencies. This involves a more fluid use of technology, in e-learning as well as in the classroom, where security distance must be maintained between the mobile chairs. This is how active learning and collaboration is guaranteed in either the classroom or at home.

In addition to that, learning formats like HyperDocs allow teachers and students to go remote anytime, providing them with access to learning resources in one organized digital space.

Take the Action!

Lorenzo Farinelli Lab is part of EUN's project *Take the Action!* about piloting LEGO Education® solutions. In the upcoming months, it will be hosting a series of training events and dissemination activities in collaboration with the local LEGO Education partner.

MALTA

October 2020

Support of Educators and Education Leaders

The FCL Ambassadors and the Digital Literacy Team of the Directorate for Digital Literacy and Transversal Skills have been busy all summer supporting educators and education leaders across the country, covering both State and non-State schools.

Schools in Malta open from 7 October and the team members have given online training on how to set up virtual classrooms and how to be prepared for a potential new lockdown.

Since all schools have access to Office 365, the training focused on relevant features of MS Teams, such as Assignment and Class Notebook. Also part of the trainings are strategies to engage and motivate students and sessions on how to create online video tutorials.



NORWAY

Webinar: FCL in Initial Teacher Education

FCL Lead Ambassadors Kristine Sevik and Vibeke Guttormsgaard will be presenting the Future Classroom Labs in Teacher Training Institutions in Norway on an online conference event for a network of Teacher Training Institutions. The main topic of the conference is The Professional Digital Competence Framework for Teachers.



Web based course for teachers

The FCL Team developed a competence package of web-based training for teaching staff in primary and lower secondary schools to introduce programming and computational thinking (CT) to students. The new national curriculum integrates programming and CT in four subjects. At this moment a general module has been released for the entire teaching staff and specific modules for teachers in Mathematics and Science. Modules for teachers in Arts and Craft and Music will be released in the coming months. So far more than 1300 teachers and school leaders have registered for this web-based training.

The FCL Team also updated course materials to teach Programming.

More info: [course materials](#)

PORTUGAL

Programme of Digitalization for Schools

As announced by a ministerial resolution, Portugal will implement the Programme of Digitalization for Schools within the scope of the Action Plan for Digital Transition. This action plan foresees a programme for the digital transformation of schools which includes the provision of personal ICT equipment for both students and teachers as well as free mobile connectivity. The programme also provides a strong commitment to the professional development of teachers to ensure the acquisition of the required digital teaching skills.

Directorate-General for Education (DGE) is taking all the necessary measures to train about 100 000 teachers to make them more digitally empowered. The programme also provides teachers and students with access to digital educational resources such as e-textbooks, activity books, interactive classes, interactive tests, exam preparation, etc. In this context, a pilot project is being set up for the conversion of printed textbooks into digital ones.



SLOVAKIA

Teacher support in Slovakia

For this new schoolyear the Methodology and Pedagogy Centre (MPC) has prepared an offer of professional support for individuals and groups of pedagogical and professional staff, which will be flexibly adapted depending on the situation of the pandemic.

The centre offers support in the form of individual and staff consultations to help innovating and enriching teaching. Furthermore, the MPC offers 324 educational events, spread all over the country, like seminars, workshops, methodological days and webinars.

At the beginning of the new school year, teacher forums were set up to enable cooperation and exchange between teachers. The MPC also organizes trainings for school management covering the topics of self-management, ethics, internal processes, evaluation and self-evaluation, project management and leadership.

More info: [Events - Teacher Forums](#).



SPAIN

Online training: National Institute of Educational Technologies and Teacher Training (INTEF)

INTEF is currently running two courses about Aula del Futuro in two different modalities. There is the second edition of the online course *Aula del Futuro* (start 15th September), with the participation of 207 teachers. On the other hand, there are nine blended courses that have started their online preparatory phase with the participation of 144 teachers. The rest of the phases will take place in 2021 due to the present COVID 19 situation.

Regional training

Comunidad Valenciana started a series of 4 courses dealing with an introduction to the basic concepts of the Aula del Futuro and the FCL Toolkit.

Cataluña is preparing the course *Future Classroom Lab: espai, metodologia i tecnologia*, that will take place from October to December.

Comunidad de Madrid offers Aula del Futuro training at schools as an example of the priority lines at their Teacher Training Plan for 2020-2021.

More info: [INTEF](#)



TURKEY

Professional Development for the Summer -Autumn Period

The FCL Lead Ambassador, together with Directorate General for Innovation and Educational Technologies have launched a series of Professional Development Webinars for the summer and autumn period. The weekly webinars focus on innovative practices in flexible learning spaces and topics like Artificial Intelligence, STEAM Education, Web 2.0 tools and collaborative teaching.

Articles have been published on flexible learning spaces and active learning by the CPD and Academic Studies Officer, as well as learning scenarios for future classrooms by the Pedagogy Officer along with the FCL Lead Ambassador.

Furthermore, the Pedagogy Officer organized an online meeting with the scenario development taskforce and the FCL local ambassadors. Local ambassadors analyzed scenarios and selected 60 scenarios for further development.

Training

Local ambassadors organized webinars on FCL Learning spaces, Artificial Intelligence, Technopedagogic Approach and Collaborative Technology for Education.

Workshops *Discover Science with All Colours* will take place in the existing FCL classrooms for students within the scope of the Provincial Directorate of National Education. These workshops will also be part of the upcoming Science Festival in Erzincan.

Local ambassadors will introduce the Future Classroom Lab model to 120 teachers at Adana Science and Art Center, as well present the FCL model for schools in Aydın.

More info: [FCL Turkey](#)



For further information on the Future Classroom Ambassadors, please contact Bart Verswijvel - bart.verswijvel@eun.org