

Rethinking teaching and learning



Future
Classroom
Lab





Future Classroom Lab

by European Schoolnet



Created by European Schoolnet, the Future Classroom Lab (FCL) is an inspirational learning environment in Brussels, challenging visitors to rethink the role of pedagogy, technology and design in their classrooms. Through six learning zones, visitors can explore the essential elements in delivering 21st century learning: students' and teachers' skills and roles, learning styles, learning environment design, current and emerging technology, and societal trends affecting education.



Since the opening of the Future Classroom Lab in January 2012, European Schoolnet and its 30 supporting Ministries of Education have worked closely with a growing number of ICT providers to ensure an independently-funded and sustainable platform. Policy-makers, industry partners, teachers and other education stakeholders regularly come together in face-to-face training workshops and strategic seminars to develop visions for the school of the future and strategies on how to realise these.

FCL training opportunities are also increasingly being offered to teachers and other stakeholders through online training events, including massive open online courses (MOOC) via the European Schoolnet Academy.

Future Classroom Lab partners (August 2014)

Acer, Adobe, Cisco, Cronos, Corinth, Dassault Systemes, Ecophon, Esri, Fourier Education, Gaia Technologies, GSMA, Intel, ISIS Concepts, Leba Innovations, Lego, NEC, Microsoft, Oracle, Planet PC, Polycom, Promethean, RM Education, SMART Technologies, Samsung, Steelcase, Texas Instruments, Time To Know, TTS

Future Classroom Lab for different target groups

Policy-makers	Industry	Teachers
<ul style="list-style-type: none"> • Tours providing an overview of the FCL pedagogical concepts and hands-on activities with different technologies. • Strategic seminars with industry partners on key topics such as mobile learning, programming and content creation. • Future Classroom Scenario workshops with innovative teachers to develop and adapt innovative Learning Activities to be piloted in schools. • Recommendations and guidelines stemming from European Schoolnet projects that help policy-makers to take informed decisions on deploying ICT in schools. • Future Classroom Ambassadors, a network of innovative teachers who can support the mainstreaming of innovative teaching and learning approaches at national level. 	<ul style="list-style-type: none"> • Offers to participate in European Schoolnet projects to develop pedagogical scenarios involving each partner's solution and pilot these scenarios in schools across Europe. • Use of the Future Classroom Lab for the partner's own events up to four times a year, and invitations to European Schoolnet's annual EMINENT conference for education ministries and strategic seminars for policy-makers. • Access to the FCL validation service, a pan-European network of schools ready to participate in school pilots involving industry partners. 	<ul style="list-style-type: none"> • Professional development opportunities including workshops and courses at the FCL in Brussels, and online training events developed within various European Schoolnet projects. • Learning zones and examples of technology providing inspiration to rethink teaching practice, and to focus on the skills and competences needed for 21st century learning. • Directory of classroom practices and Learning Activities available on the FCL website: explore these resources and submit your own classroom examples to inspire others! • Free training materials and resources for teachers, school leaders and teacher trainers to download. • The network of Future Classroom Ambassadors welcomes innovative teachers who have been active in European Schoolnet projects and who are interested in being involved in future validation pilots

Related projects and initiatives

European Schoolnet has developed a family of related projects under the umbrella of the Future Classroom Lab that provide resources, training, networking opportunities and guidelines for teachers and school leaders.



(EC FP7, 2010-2014)

With school pilots in over 2,500 classrooms in 20 countries and 17 participating education ministries, iTEC has been the largest pan-European project to date focused on teaching and learning in the future classroom. Based on its successful methodology, iTEC designed the Future Classroom Toolkit that enables teachers, school leaders and policy-makers to identify educational trends, create Future Classroom Scenarios, and develop innovative Learning Activities. fcl.eun.org/itec



(EC FP7, 2012-2014)

With the participation of 12 Ministries of Education the Living Schools Lab project developed a whole-school approach to ICT use, scaling-up best practices in the use of ICT between schools with varying levels of technological proficiency. The project has produced recommendations for policy-makers and schools, a training course for collaborative school development and a FCL validation service involving a network of innovative schools. fcl.eun.org/lsl



(EC Lifelong Learning Programme, 2013-2015)

The project works with 45 schools in 8 European countries and 9 Ministries of Education to collect evidence on the implementation, impact and up-scaling of tablet use in schools. The results will help policy-makers to take informed decisions on the pedagogical benefits of deploying tablets and implementing 1:1 computing programmes. creative.eun.org



European Schoolnet Academy is the first European platform providing free online courses tailored specifically for teachers and educators. The first two courses, Future Classroom Scenarios and Innovative Practices for Engaging STEM Teaching, were successfully implemented in spring 2014. More courses are planned to launch in 2014 and 2015. www.eunacademy.eu



What will your future classroom look like?

Discover at the Future Classroom Lab website...

- ◊ **Future Classroom Toolkit:** Find out how to create and implement your own Future Classroom Scenarios and Learning Activities, and develop a clear vision of innovative teaching and learning practices. The toolkit is based on the results of the EC-funded iTEC project.
- ◊ **Directory of classroom practices:** Get inspired by a number of practice-based examples on how to integrate ICT into lessons and explore examples of Future Classroom Scenarios and Learning Activities.
- ◊ **Training events:** Take part in free and open online training events for teachers and school leaders including webinars, Twitter discussions, and online courses. Explore also the on-site training offers at the Future Classroom Lab.
- ◊ **Validation service:** Find out how research projects, industry partners and other stakeholders can test their solutions via pilots involving a pan-European network of selected schools; or, use the free Validation Manual to develop your own validation activity.
- ◊ **Recommendations and guidelines:** Download recommendations for policy-makers on implementing ICT in schools, and practical guidelines for teachers and school leaders based on findings of European Schoolnet projects.
- ◊ **Virtual Future Classroom Lab:** Take a virtual tour of the Future Classroom Lab online and explore its learning zones and technologies suggested by the FCL industry partners.
- ◊ **Network of Future Classroom Labs:** Discover the network of labs established by inspired teachers and research institutions across Europe, and find out how you can create your own.



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